ISSN 0706—5248
AGDEX 410/42

Manitoba

Annual Report 1988

Animal Industry Branch

Milk Recording Services

90-02917/

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FOREWORD

The 1988 Milk Recording Annual Report will be the last report published by Manitoba Agriculture. Program responsibility has been transferred to the newly organized Manitoba Milk Recording Corporation (MMRC).

The 1988 Annual Report provides a complete listing of all herds enrolled on the Federal Record of Performance (R.O.P.), Official D.H.I.A., Regular D.H.I.A. and Owner Sampler programs (name only). Production information will not be published beyond 1988 for herds enrolled on the Regular D.H.I.A. program.

Summary data is included for 1986 and 1987 only.

A special note of thanks is extended to Linda Harris for compiling, tabulating, editing and typing the report. Also, to the D.H.I.A. supervisors, for their dedication and cooperation they provided Milk Recording over the many years. We wish them success as employees of M.M.R.C..

Manitoba Agriculture was pleased to provide this special service to Manitoba dairymen - one which has made a strong dairy sector. We extend our best wishes to the Manitoba Milk Recording Corporation and continued success in providing a strong Milk Recording program to Manitoba dairy producers.

1988

PROVINCIAL SUMMARY FOR MANITOBA
MILK RECORDING - ALL PROGRAMS

			DHIA			
		ROP	OFF.	REG.	O/S	TOTAL
1.	HERDS on test January 1	96	83	227	109	516
2.	New herds enrolled	1	2	15	5	21
3.	Discontinued herds	8	1	9	11	29
4.	Herds on test December 31	89	84	233	103	508
5.	% HERDS on test based on 1071 prod.	8.3%	7.8%	21.8%	9.6%	47.4%
6.	Herds on test for 12 months	96	97	212	100	505
7.	COWS on test at year end	5614	5193	10498	5287	26592
8.	% COWS on test based on 52,000 cows	10.8%	10%	20.2%	10.2%	51.1%
9A.	Ave. kg Milk/cow 305 days (Holstein)	7426	-	-	6506	-
9B.	Ave. kg Milk/cow 305 days (all breeds)	7276	7268	6661	6421	6907
10A.	Ave. kg Fat/cow 305 days (Holstein)	261	-	-	219	-
10B.	Ave. kg Fat/cow 305 days (all breeds)	259	255	229	218	240
11.	Ave. kg Protein/cow 305 days (all br)	-	234	211	204	216
12A.	Ave. % Butterfat/cow (Holstein)	3.51	-	-	3.37	-
12B.	Ave. % Butterfat/cow (all breeds)	3.57	3.51	3.44	3.40	3.47
13.	Ave. % Protein/cow (all breeds)	-	3.22	3.17	3.18	3.13
14A.	Ave. B.C.A. Milk/cow (Holstein)	151	-	-	137	-
14B.	Ave. B.C.A. Milk/cow (all breeds)	151	157	140	137	146
15A.	Ave. B.C.A. Fat/cow (Holstein)	148	-	-	125	-
15B.	Ave. B.C.A. Fat/cow (all breeds)	148	147	130	128	138
16.	Ave. B.C.A. Protein/cow (all breeds)	-	160	141	137	146
17A.	Comp. B.C.A. Milk & Fat (Holstein)	150	-	-	-	-
17B.	Comp. B.C.A. Milk, Fat, Prot. (all br)	-	155	137	134	143
18.	No. of B.C.A. records (all breeds)	4563	3931	8147	3741	20382

R.O.P.

CANADIAN RECORD OF PERFORMANCE

FOR DAIRY CATTLE

1988

R.O.P. ADMINISTRATIVE STAFF

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R.O.P. DAIRY INSPECTORS - MANITOBA

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Ed Breyfogle	98 Sandale Drive, Winnipeg, Mb.	R2N	1A2	256-7513
Sheldon Foster	Box 162, Ochre River, Manitoba	R0L	1K0	733-2428
Bill Haggarty	301-233 16th Street E., Brandon, Mb.	R7A	2G5	727-1765
Andrew Johnson	201-233 16th Street E., Brandon, Mb.	R7A	2G5	726-4780
George Popplestone	71 Gull Lake Rd., Winnipeg, Mb.	R3T	4X1	269-5453

1988 - MANITOBA R.O.P. HERD AVERAGES - HOLSTEIN

PLACING	NAME AND ADDRESS	HERD CODE NO.	COWS WITH REC.	COMP. REC.	BCA REC.	KG MILK	KG FAT	% BF	BCA MILK	BCA FAT	AVE. BCA
1.	COATES HOLSTEINS GLENBORO	56078	49	43	43	9412	332	3.53	200	191	195.5
2.	F & B KRPAN ST. LAURENT	55854	37	28	28	9426	317	3.36	198	181	189.5
3.	GLENLEA RESEARCH STN. - GLENLEA	50122	61	55	55	8717	323	3.71	188	189	188.5
4.	DONFIELD FARMS BRANDON	52860	76	70	70	8236	338	4.10	178	198	188.0
5.	NARFA FARMS GIMLI	52643	57	48	48	8825	355	4.02	179	195	187.0
6.	H & A BLANKVOORT MACGREGOR	55401	40	30	30	8565	325	3.79	184	189	186.5
7.	MENNO BARKMAN BLUMENORT	52023	42	38	38	8217	314	3.82	173	179	176.0
8.	PENNVIEW FARM BLUMENORT	54862	57	49	49	8841	313	3.54	179	172	175.5
9.	HANSON HOLSTEINS RANDOLPH	56127	76	61	61	8222	315	3.83	171	178	174.5
10.	KEN LARSON & SONS TEULON	50092	38	36	36	8409	282	3.35	182	166	174.0
11.	BEMARADI DAIRY PIPESTONE	56160	19	17	17	8336	304	3.65	174	172	173.0
12.	JAMES VALLEY ELIE	51046	70	62	62	8583	283	3.30	180	161	170.5

1988 - MANITOBA R.O.P. HERD AVERAGES - HOLSTEIN

PLACING	NAME AND ADDRESS	HERD CODE NO.	COWS WITH REC.	COMP. REC.	BCA REC.	KG MILK	KG FAT	% BF	BCA MILK	BCA FAT	AVE. BCA
13.	RIVERBEND COLONY CARBERRY	52686	46	41	41	8027	275	3.43	175	163	169.0
14.	DONFIELD FARMS LTD. THE PAS	55303	110	90	90	8006	283	3.53	172	166	169.0
15.	H.G. HANCOX DOMINION CITY	50896	33	23	23	7853	299	3.81	165	171	168.0
16.	LECIA HOLSTEINS LETELLIER	55735	54	44	44	8264	289	3.50	172	163	167.5
17.	VAN RYSSEL HOLST. OAK BANK	53299	47	45	45	8334	301	3.61	169	165	167.0
18.	ROSSER HOLSTEINS ROSSER	50972	97	84	84	8144	282	3.46	171	160	165.5
19.	DONOHOE FARMS PETERFIELD	50561	97	81	81	7781	300	3.86	160	167	163.5
20.	GERALD & A. BRACKEN CLANDEBOYE	50231	97	82	82	7911	277	3.50	167	159	163.0
21.	SAM GLOOR & SONS WHITEMOUTH	55571	90	65	65	7592	267	3.52	166	159	162.5
22.	TURBETT & SON WINNIPEG	53088	28	26	26	8037	289	3.60	165	160	162.5
23.	LORNE PLETT ILE DES CHENES	55407	83	66	66	7996	257	3.21	173	151	162.0
24.	S.A. COTTON & SONS CLANDEBOYE	50479	58	53	53	7982	274	3.43	167	156	161.5

1988 - MANITOBA R.O.P. HERD AVERAGES - HOLSTEIN

PLACING	NAME AND ADDRESS	HERD CODE NO.	COWS WITH REC.	COMP. REC.	BCA REC.	KG MILK	KG FAT	% BF	BCA MILK	BCA FAT	AVE. BCA
25.	STEPHAVEN HOLSTEIN DUGALD	53538	90	79	79	8143	290	3.56	164	158	161.0
26.	GARY JONES ELM CREEK	55977	50	41	41	7858	266	3.39	167	153	160.0
27.	VANCREST HOLSTEINS GLENLEA	55789	41	25	25	7466	270	3.62	161	158	159.5
28.	WILLIAM E. CROWE GILBERT PLAINS	53644	51	44	44	7832	242	3.09	173	145	159.0
29.	P & T DELAQUIS N.D. DE LOURDES	55615	75	59	59	7712	257	3.33	167	151	159.0
30.	D.J. FOUILLARD ST. LAZARE	52656	43	31	31	7326	285	3.89	155	163	159.0
31.	GREENBUSH HOLSTEINS KLEEFELD	54602	86	69	69	7469	269	3.60	160	156	158.0
32.	DIR. OF ROCKWOOD INST. - STONY MOUNTAIN	52267	33	25	25	6940	263	3.79	155	159	157.0
33.	DAVIDSON'S HOLSTEIN BLUMENORT	52077	87	68	68	7704	279	3.62	158	155	156.5
34.	LARRY S. TULLY PORTAGE LA PRAIRIE	50932	44	35	35	7469	281	3.76	154	157	155.5
35.	RAYA FARMS BRUXELLES	55541	35	28	28	7556	269	3.56	158	153	155.5

1988 - MANITOBA R.O.P. HERD AVERAGES - HOLSTEIN

PLACING	NAME AND ADDRESS	HERD CODE NO.	COWS WITH REC.	COMP. REC.	BCA REC.	KG MILK	KG FAT	% BF	BCA MILK	BCA FAT	AVE. BCA
36.	DOUG G. WIENS GRUNTHAL	51923	64	61	61	7548	267	3.54	159	151	155.0
37.	PHILIP FRIESEN CRYSTAL CITY	55984	17	12	12	7315	257	3.51	158	150	154.0
38.	HOULE FARMS LTD. LETELLIER	55082	35	27	27	7429	275	3.70	154	154	154.0
39.	JOHN D. NICOL BRANDON	53601	73	66	66	7616	264	3.47	158	149	153.5
40.	D. GROMNISKI LA BROQUERIE	55435	60	53	53	7694	263	3.42	160	147	153.5
41.	DEERBOINE COLONY ALEXANDER	55883	47	30	29	7944	233	2.93	171	136	153.5
42.	GEORGE GOBIN ST. CLAUDE	54675	81	62	62	7845	264	3.37	160	146	153.0
43.	BENNER HOLSTEINS STEINBACH	52076	87	75	75	7233	272	3.76	150	154	152.0
44.	G.L. HOCKLEY BRANDON	50677	73	58	58	7913	250	3.16	163	140	151.5
45.	GLEN GURR ALEXANDER	50530	38	34	34	7314	283	3.87	148	155	151.5
46.	PHILGO FARMS ST. CLAUDE	54321	88	59	59	7466	254	3.40	157	145	151.0
47.	ALLAN HOUNDLE PETERSFIELD	55446	21	14	14	7040	258	3.66	151	150	150.5

1988 - MANITOBA R.O.P. HERD AVERAGES - HOLSTEIN

PLACING	NAME AND ADDRESS	HERD CODE NO.	COWS WITH REC.	COMP. REC.	BCA REC.	KG MILK	KG FAT	% BF	BCA MILK	BCA FAT	AVE. BCA
48.	RAY BROWN VISTA	51362	55	40	39	7355	259	3.52	154	147	150.5
49.	LLOYD OLSON LAKE FRANCIS	54762	63	56	54	7150	241	3.37	157	144	150.5
50.	GERABELL HOLSTEIN DUGALD	53782	46	42	42	7119	261	3.67	149	148	148.5
51.	HANS GORTER OTTERBURNE	55586	40	37	37	7314	253	3.46	152	143	147.5
52.	A.J. CHARRIERE & SON - N.D. DE LOURDES	52410	59	51	50	7240	259	3.58	148	144	146
53.	RR TRAPPIST FATHERS HOLLAND	51821	30	25	25	6883	236	3.43	150	139	144.5
54.	RONALD BOERCHERS LAURIER	52931	66	55	55	7214	241	3.34	151	137	144.0
55.	P.C. BECKMAN & SON ERIKSDALE	52042	85	77	77	7126	248	3.48	148	139	143.5
56.	MALLARD HOLSTEINS ERICKSON	52207	54	47	46	6906	241	3.49	147	140	143.5
57.	CAREFOOT DAIRY FARMS MCAULEY	55482	85	76	73	6976	254	3.64	145	142	143.5
58.	HALARDA HOLSTEINS ELM CREEK	53608	127	119	119	6971	244	3.50	146	140	143.0

1988 - MANITOBA R.O.P. HERD AVERAGES - HOLSTEIN

PLACING	NAME AND ADDRESS	HERD CODE NO.	COWS WITH REC.	COMP. REC.	BCA REC.	KG MILK	KG FAT	% BF	BCA MILK	BCA FAT	AVE. BCA
59.	K. BEDDOME & T. BRAMLEY - MINNEDOSA	52101	39	31	31	7420	238	3.21	153	133	143.0
60.	RUSSELL H. McKAGUE OAK RIVER	51962	75	60	60	7090	241	3.40	148	137	142.5
61.	DELMERA HOLSTEIN STE. ANNE	52671	59	47	43	6925	226	3.26	151	134	142.5
62.	ALAN E. KING HAMIOTA	52790	37	35	32	7410	233	3.14	153	130	141.5
63.	Wm. J. HILDEBRAND WOODMORE	54550	46	41	41	6812	232	3.41	146	135	140.5
64.	ALETTA HOLSTEINS LANDMARK	54389	101	69	68	7203	233	3.23	150	131	140.5
65.*	RONALD WYTINCK CYPRESS RIVER	55696	46	22	22	6766	233	3.44	144	135	139.5
66.	FINNIE-WISHART FARMS - PORTAGE LA PRAIRIE	55004	109	106	106	7060	237	3.36	146	133	139.5
67.	K. ALLEN BACKMAN OAK POINT	50120	12	11	11	6972	237	3.40	143	131	137.0
68.	J.E. SPIERS GLADSTONE	55516	36	34	34	6545	232	3.54	139	135	137.0
69.	RAYTEX HOLSTEINS KLEEFELD	52399	50	43	43	6520	235	3.60	138	135	136.5

1988 - MANITOBA R.O.P. HERD AVERAGES - HOLSTEIN

PLACING	NAME AND ADDRESS	HERD CODE NO.	COWS WITH REC.	COMP. REC.	BCA REC.	KG MILK	KG FAT	% BF	BCA MILK	BCA FAT	AVE. BCA
70.	RAMPTON'S GARTMORE DAUPHIN	53929	88	62	62	6761	232	3.43	141	131	136.0
71.	CURTIS BROS. BRANDON	52039	52	46	46	6787	225	3.32	143	129	136.0
72.	MARC G. RAFFARD OTTERBURNE	53524	19	14	14	6721	236	3.51	139	131	135.0
73.	KELROE FARMS WINNIPEG	54323	88	77	77	7185	223	3.10	145	121	133.0
74.*	CADBURY HOLSTEINS BEAUSEJOUR	53033	57	37	37	7035	234	3.33	140	126	133.0
75.	HUGH M. JAMESON BRANDON	55536	53	47	47	6463	226	3.50	136	129	132.5
76.	INGANESS DAIRY BRANDON	52251	89	68	67	6553	228	3.48	136	129	132.5
77.	RANDOLPH HOLSTEINS RANDOLPH	52225	68	62	62	6276	226	3.60	134	131	132.5
78.	L.J. BROWN BRANDON	52028	44	42	42	6416	225	3.51	134	127	130.5
79.	OLAFSON BROS. LUNDAR	55408	44	35	35	6416	228	3.55	133	128	130.5
80.	DUTCH MEADOW FARMS BALMORAL	56099	32	19	14	6190	211	3.41	135	124	129.5
81.	LEE ISLAND FARM ERICKSON	50504	52	48	48	6251	223	3.57	131	127	129.0

1988 - MANITOBA R.O.P. HERD AVERAGES - HOLSTEIN

PLACING	NAME AND ADDRESS	HERD CODE NO.	COWS WITH REC.	COMP. REC.	BCA REC.	KG MILK	KG FAT	% BF	BCA MILK	BCA FAT	AVE. BCA
82.	FRANK E. PLETT LANDMARK	50484	45	36	36	6212	245	3.94	124	132	128.0
83.	J.T. TRIMBLE JR. PORTAGE LA PRAIRIE	50123	37	30	30	6092	226	3.71	128	128	128.0
84.	MELVILLE BROWN BRANDON	54647	48	28	28	6110	207	3.39	131	120	125.5
85.	P.D. BOTTRELL ERIKSDALE	54133	36	30	27	6654	217	3.26	132	116	124.5
86.	KENNETH P. LEPPKY OTTERBURNE	50345	67	56	53	6224	206	3.31	130	117	123.5
87.	OMER CURE ST. PIERRE	55494	44	39	26	5625	194	3.45	116	108	112.0
88.*	S. GERLING CO. LTD. KILLARNEY	54596	66	57	51	5364	195	3.64	111	110	110.5
		TOTALS:	5130	4249	4201						
					AVERAGES:	7384.8	259.4	3.50	155.2	145.8	149.5

1988 - MANITOBA R.O.P. HERD AVERAGES - AYRSHIRE

PLACING	NAME AND ADDRESS	HERD CODE NO.	COWS WITH REC.	COMP. REC.	BCA REC.	KG MILK	KG FAT	% BF	BCA MILK	BCA FAT	AVE. BCA
1.	KEITH ALEXANDER ROSSBURN	11571	37	27	27	6574	231	3.51	182	156	169.0
2.	PARK DAIRIES LAKE FRANCIS	11212	57	47	47	5947	236	3.97	166	160	163.0
		TOTALS:	97	74	74						
					AVERAGES:	6260.5	233.5	3.74	174	158	166.0

1988 - MANITOBA R.O.P. HERD AVERAGES - GUERNSEY

PLACING	NAME AND ADDRESS	HERD CODE NO.	COWS WITH REC.	COMP. REC.	BCA REC.	KG MILK	KG FAT	% BF	BCA MILK	BCA FAT	AVE. BCA
1.	BYDALE GUERNSEY FARMS - FOXWARREN	40532	50	46	46	5532	271	4.90	165	161	163.0

1988 - MANITOBA R.O.P. HERD AVERAGES - BROWN SWISS

PLACING	NAME AND ADDRESS	HERD CODE NO.	COWS WITH REC.	COMP. REC.	BCA REC.	KG MILK	KG FAT	% BF	BCA MILK	BCA FAT	AVE. BCA
1.	FRED MATHYS WAWANESA	20154	49	46	45	5602	235	4.19	158	163	160.5
2.	MORRIS D. CRIER WOODMORE	20035	35	29	29	6618	257	3.88	161	156	158.5
3.	KELLOE KORNERS FARMS - SHOAL LAKE	20135	40	33	33	5837	226	3.87	143	139	141.0
		TOTALS:	124	108	107						
					AVERAGES:	6019	239.3	3.98	154	152.7	153.3

LESS THAN 10 B.C.A. RECORDS

PLACING	NAME AND ADDRESS	HERD CODE NO.	COWS WITH REC.	COMP. REC.	BCA REC.	KG MILK	KG FAT	% BF	BCA MILK	BCA FAT	AVE. BCA
1.	MARC G. RAFFARD OTTERBURNE	20003	4	3	3	5962	252	4.23	150	158	154.0

1988 - MANITOBA R.O.P. HERD AVERAGES - JERSEY

PLACING	NAME AND ADDRESS	HERD CODE NO.	COWS WITH REC.	COMP. REC.	BCA REC.	KG MILK	KG FAT	% BF	BCA MILK	BCA FAT	AVE. BCA
1.	GENTRICE FARMS BRANDON	61340	20	17	17	4844	226	4.67	155	133	144.0
2.	B & M BUCKLEY OAK LAKE	61066	57	43	43	4102	213	5.19	129	124	126.5
3.	E.H. CLARKE & SON GROSSE ISLE	60087	28	26	26	4000	193	4.83	127	113	120.0
4.*	DENIS RAFFARD OTTERBURNE	60860	16	15	15	3442	158	4.59	115	97	106.0
	TOTALS:		121	101	101						
	AVERAGES:					4097	197.5	4.82	131.5	116.8	124.1

LESS THAN 10 B.C.A. RECORDS

PLACING	NAME AND ADDRESS	HERD CODE NO.	COWS WITH REC.	COMP. REC.	BCA REC.	KG MILK	KG FAT	% BF	BCA MILK	BCA FAT	AVE. BCA
1.	BYDALE GUERNSEY FARM - FOXWARREN	61323	2	2	2	4714	272	5.77	138	146	142.0

LESS THAN 10 B.C.A. RECORDS

PLACING	NAME AND ADDRESS	HERD CODE NO.	COWS WITH REC.	COMP. REC.	BCA REC.	KG MILK	KG FAT	% BF	BCA MILK	BCA FAT	AVE. BCA
1.	BYDALE GUERNSEY FARM FOXWARREN	56299	1	1	1	7196	207	2.88	176	138	157.0
2.*	M & L STEEN BOISSEVAN	55322	12	2	2	7714	289	3.75	148	149	148.5
3.	R.H. HEAPY	50536	10	8	8	7163	241	3.36	153	138	145.5
4.	BRUCE TULLY MARQUETTE	56113	33	4	4	6659	265	3.98	133	143	138.0
5.	KELLOE KORNERS FARMS - SHOAL LAKE	55441	13	12	9	6230	228	3.66	135	135	135.0
6.*	IRVAN KLEPATZ WHITEMOUTH	55983	17	5	5	6359	222	3.49	124	118	121.0

1988 - MANITOBA R.O.P. SUMMARY

A. HERDS	Ayrshire	Brown Swiss	Guernsey	Holstein	Jersey	All Breeds
1. Herds on Test January 1	2	4	1	93	3	96
2. New herds enrolled	-	-	-	-	1	1
3. Total herds on test during the year	2	4	1	93	3	103
4. Discontinued herds	-	-	-	7	1	8
5. Herds on test Dec. 31	2	4	1	86	3	103
6. Herds on test for 12 months	2	4	1	86	3	96
B. PRODUCTION						
7. Ave. Kg. Milk/Cow	6176	5950	5532	7426	4114	7276.3
8. Ave. Kg. Fat/Cow	234	238	271	261	203	258.8
9. Ave. % BF/Cow	3.79	4.00	4.89	3.51	4.93	3.57
10. Ave BCA Milk/Cow	172	154	165	151	131	151.0
11. Ave. BCA Fat/Cow	159	154	161	148	119	148.0
12. Composite BCA Milk & Fat	165.5	154	163	149.5	125	149.0
Records per breed	74	110	46	4230	103	= 4563

D.H.I.A.

1988

DAIRY HERD IMPROVEMENT ASSOCIATION

Agricultural Services Complex. 545 University Crescent, University of Manitoba Campus

Milk Recording Administrative Staff

		Telephone
Dr. F. Baker	- Director. Animal Industry Branch	945-7690
Allan Steinke	- Chief, Dairy Section	945-7723
Marcel Fraser	- Provincial DHIA Fieldman	945-7664
E. Trout	- Milk Records Co-ordinator	945-7671
Tom Droppo	- Dairy Cattle Specialist	945-7670

D.H.I.A. Supervisors (as of June 1, 1989)

Code and Association	Supervisor	Address	Telephone
01 La Broquerie	Claude Nadeau	Box 254. La Broquerie R0A 0W0	424-5663
02 St. Pierre	Louise Lambert	Box 204, St. Malo R0A 1T0	347-5216
03 Grunthal "A"	Pete Janzen	Box 11. Grunthal R0A 0R0	434-6964
03 Grunthal "B"	Carol Wiebe	Box 167. Grunthal R0A 0R0	434-6490
04 Steinbach	Tina Giesbrecht	Box 18, Grp. 60, R.R.1. Steinbach	326-1946
05 Border	Landis Loeppky	Box 86, Vita R0A 2K0	425-3105
06 North West	Hans Immerkar	Box 697, Swan River R0L 1Z0	734-2642
07 Stonewall "A"	Larry Klimpke	Box 852, Stonewall R0C 2Z0	467-2678
07 Stonewall "B"	Catherine Waterer	Box 178. Balmoral R0C 0H0	467-8872
08 Ste. Anne	Herve Fiola	Box 207, Ste. Anne R0A 1R0	422-5898
09 Southman	Menno Wieler	Box 2502. Winkler R0G 2X0	822-3892
10 Westoba "A"	Elaine Bollman	Justice R0K 1C0	763-4428
10 Westoba "B"	Liza Scharff	Box 283, Oak Lake R0M 1P0	855-2735
11 Kleefeld	Henry Kehler	Box 14, Randolph R0A 1L0	355-4598
12 St. Claude	Donald Rosset	Box 28. St. Claude R0G 1Z0	379-2615
13 Lakeshore	Albert Bazinet	Box 13, Eriksdale R0C 0W0	739-2013
14 Pembina Mtn.	Tim Wytinck	Box 207, R.R.1, Cypress River R0K 0P0	743-2202
15 Tiger Hills	Glen Jefferies	Box 442, Glenboro R0K 0X0	827-2610
16 South Park	George Curry	Box 4, Erickson R0J 0P0	636-2686
17 Yellowhead	Marg Deschambault	Box 141, St. Lazare R0M 1Y0	683-2320
18 Lake Centre "B"	Roy Danielson	Box 354, Arborg R0C 0A0	376-5014
19 Mound View	Nancy Lea	Box 599, Manitou R0G 1G0	242-3063
20 Agassiz	Andy Kehler	Box 849, Beausejour R0E 0C0	268-1349
21 Norfolk	Heather Davey	Box 95, Westbourne R0H 1P0	274-2640

D.H.I.A. SUMMARY - 1988

(REGULAR & OFFICIAL)

		1988	1987
A.	**Associations in Operation**	21	21
B.	**HERDS**		
	1. Herds on test January 1	310	291
	2. New herds on test	17	29
	3. Total herds on test during the year	327	320
	4. Discontinued herds	10	10
	* 5. Herds on test on December 31	317	310
	6. Herds on DHIA continually for 12 months	309	281
	6A. Herds on official DHIA on December 31	84	83
C.	**COWS**		
	7. Total number of cows on January 1	15551	13885
	8. Total number of cows from new herds	775	1184
	9. Total cows on test during the year	16326	15069
	10. Total cows from discontinued herds	327	321
	11. Total cows on test on December 31	15691	14393
	12. Average number of cows per herd (11 ÷ 5)	49.5	46.4
D.	**PRODUCTION AVERAGES** (All Breeds)		
	13. Ave. kg Milk/cow (305 days)	6965	6804
	14. Ave. kg Fat/cow (305 days)	242	237
	15. Ave. kg Protein/cow (305 days)	223	217
	16. Ave. % Butterfat/cow	3.48	3.48
	17. Ave. % Protein/cow	3.20	3.19
	18. Ave. BCA Milk/cow	149	146
	19. Ave. BCA Fat/cow	139	136
	20. Ave. BCA Protein/cow	151	146
	21. Comp. BCA Milk, Fat & Protein	146.3	142.7
	22. No. of BCA records for herds on test for 12 months	12078	12282
E.	**IDENTIFICATION AT YEAR END**		
	23. Total cows on test	16174	15484
	24. Registered cows on test	3009	2396
	25. % Registered cows on test	18.6%	15.5%
	26. N.I.P. cows on test	4691	4395
	27. % N.I.P. cows on test	29%	28.4%
	28. Grade cows on DHIA	7508	6940
	29. % Grade cows	46.4%	44.8%

F. **NEW HERDS ENROLLED ON DHIA**

	1988		1987	
	Herds	Cows	Herds	Cows
Herds transferred from R.O.P.	1	74	3	109
Herds transferred from Owner Sampler	-	-	11	335
New herds never on test	14	602	14	608
TOTAL NEW HERDS	15	676	28	1052
DHIA herds started and discontinued	2	83	-	-

G. **DISCONTINUED DHIA HERDS**

	1988		1987	
	Herds	Cows	Herds	Cows
Herds transferred to R.O.P.	-	-	-	-
Herds transferred to Owner Sampler	-	-	1	32
Herds sold	1	16	1	10
Herds discontinued for other reasons	7	215	7	219
TOTAL DISCONTINUED HERDS	8	231	9	261

H. **1987-88 YEAR END HERD AND COW COUNT**

	1988		1987	
	Herds	Cows	Herds	Cows
Data from herds with completed records	309	15691	281	14393
Data from herds with less than 10 BCA	-	-	1	15
Data from herds transferring association	-	-	1	72
Data from herds transferred from O/S	-	-	11	335
Data from herds transferred from R.O.P.	1	74	3	109
Data from herds never on test	14	602	14	608
TOTAL	324	16367	311	15532

I. **CHANGE IN DHIA SUPERVISORS IN 1988** *

Association	Resigning Supervisor	New Supervisor	Month Hired
	N I L		

* as of June 1, 1989:

Lakeshore	Ken Sweetland	Albert Bazinet	April, 1989
Mound View	Wayne Guenther	Nancy Lea	April, 1989

ASSOCIATION AVERAGES OF HERDS ON TEST ALL YEAR
(REGULAR AND OFFICIAL D.H.I.A.)

	Association	Herds Tested	Total # Cows on Test	No. of BCA Records	kg Milk	kg Fat	% B.F.	kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Comp BCA
1.	Pembina Mtn.	17	657	478	7391	261	3.53	239	3.23	156	149	159	154.7
2.	Tiger Hills	7	311	233	7476	258	3.45	234	3.13	158	148	157	154.3
3.	Steinbach	19	1413	1050	7403	250	3.38	235	3.18	156	142	156	151.3
4.	South Park	3	101	78	6556	251	3.83	214	3.26	154	145	154	151.0
5.	Norfolk	14	564	429	6909	257	3.72	217	3.14	149	147	146	147.3
6.	Stonewall	23	1217	904	7178	244	3.40	228	3.18	151	139	151	147.0
7.	Mound View	10	333	295	6849	243	3.55	218	3.18	150	140	149	146.3
8.	Grunthal	34	1877	1440	7048	241	3.42	225	3.19	147	137	148	144.0
9.	Westoba	28	1512	1203	6692	238	3.56	217	3.24	146	137	148	143.7
10.	St. Claude	23	1090	840	6985	237	3.39	222	3.18	146	134	147	142.3
11.	La Broquerie	18	1148	883	6738	229	3.40	215	3.19	145	134	146	141.7
12.	Border	12	406	309	6867	233	3.39	218	3.17	145	133	145	141.0
13.	Yellowhead	3	190	137	6508	234	3.60	212	3.26	141	135	144	140.0
14.	Lakeshore	10	491	393	6921	236	3.41	217	3.14	143	132	142	139.0
15.	Southman	11	475	394	6676	231	3.46	211	3.16	141	132	141	138.0
16.	Ste. Anne	14	849	619	6488	223	3.44	210	3.24	139	130	142	137.0
17.	Agassiz	11	723	563	6433	222	3.45	208	3.23	140	128	142	136.7
18.	North West	3	140	96	6720	225	3.35	214	3.18	140	127	141	136.0
19.	Kleefeld	24	1179	939	6512	226	3.47	208	3.19	138	130	140	136.0
20.	Lake Centre	13	525	426	6410	226	3.53	203	3.17	134	128	134	132.0
21.	St. Pierre	12	495	369	6141	204	3.32	197	3.21	134	118	135	129.0
	TOTALS AVERAGES	**309**	**15696**	**12078**	**6805**	**237**	**3.48**	**217**	**3.19**	**145**	**135**	**146**	**142.0**

1987-88 SUPPLEMENTARY ASSOCIATION SUMMARY

No.	Assn. (started)		Herds on Test Jan.1	New Herds	Disc. Herds	Herds on Test Dec.31	Ave.# Cows Jan.1	Ave.# New Cows	Ave.# Disc. Cows	Cows on Test Dec.31	Reg'd. Cows Dec.31	N.I.P. Cows Dec.31
01	La Broquerie	1987	17	1	-	18	1006	19	-	1115	158	305
	(1947)	1988	18	3	2	19	1115	137	46	1189	189	276
02	St. Pierre	1987	10	4	2	12	453	146	101	467	122	96
	(1946)	1988	12	-	-	12	467	-	-	495	199	129
03	Grunthal	1987	31	3	-	34	1247	154	-	1731	275	356
	(1948)	1988	34	-	-	34	1731	-	-	1877	334	349
04	Steinbach	1987	21	-	-	21	1326	-	-	1485	547	611
	(1955)	1988	21	-	2	19	1485	-	75	1413	618	560
05	Border	1987	10	-	-	10	252	-	-	292	1	41
	(1975)	1988	10	2	-	12	292	20	-	309	7	47
06	North West	1987	3	-	-	3	144	-	-	142	12	61
	(1974)	1988	3	-	-	3	142	-	-	140	9	61
07	Stonewall	1987	22	4	2	24	1116	232	78	1270	96	301
	(1952)	1988	24	1	1	24	1270	33	30	1220	139	410
08	Ste. Anne	1987	14	-	1	13	818	-	20	774	133	271
	(1957)	1988	13	2	-	15	774	118	-	967	152	285
09	Southman	1987	10	2	-	12	482	66	-	561	34	172
	(1980)	1988	12	-	1	11	561	-	52	475	21	162
10	Westoba	1987	28	-	-	28	1522	-	-	1575	283	478
	(1974)	1988	28	4	-	32	1575	243	-	1755	303	407
11	Kleefeld	1987	21	3	-	24	949	159	-	1108	248	458
	(1962)	1988	24	-	-	24	1108	-	-	1179	353	443

1987-88 SUPPLEMENTARY ASSOCIATION SUMMARY CONT'D.

No.	Assn. (started)		Herds on Test Jan.1	New Herds	Disc. Herds	Herds on Test Dec.31	Ave.# Cows Jan.1	Ave.# New Cows	Ave.# Disc. Cows	Cows on Test Dec.31	Reg'd. Cows Dec.31	N.I.P. Cows Dec.31
12	St. Claude	1987	21	1	-	22	961	39	-	1000	74	250
	(1972)	1988	22	-	-	22	1000	-	-	1090	84	248
13	Lakeshore	1987	12	-	1	11	601	-	34	567	107	98
	(1973)	1988	11	-	1	10	567	-	72	491	119	108
14	Pembina Mtn.	1987	17	1	1	17	661	23	45	646	64	338
	(1973)	1988	17	-	-	17	646	-	-	657	82	443
15	Tiger Hills	1987	6	2	-	8	307	44	-	351	2	146
	(1980)	1988	8	1	2	7	351	53	36	326	10	138
16	South Park	1987	3	-	-	3	92	-	-	104	19	8
	(1980)	1988	3	-	-	3	104	-	-	101	15	6
17	Yellowhead	1987	4	-	1	3	219	-	33	165	32	19
	(1981)	1988	3	-	-	3	165	-	-	190	60	15
18	Lake Centre	1987	10	3	1	12	359	140	-	499	13	67
	(1981)	1988	12	1	1	12	499	58	16	567	38	75
19	Mound View	1987	10	-	-	10	339	-	-	338	21	130
	(1981)	1988	10	-	-	10	338	-	-	333	30	131
20	Agassiz	1987	10	1	-	11	662	30	-	692	98	68
	(1982)	1988	11	1	-	12	692	46	-	769	143	67
21	Norfolk	1987	11	4	1	14	387	132	10	572	57	121
	(1983)	1988	14	2	-	16	572	67	-	631	94	193
TOTAL FOR 1987			**291**	**29**	**10**	**310**	**13903**	**1184**	**321**	**15454**	**2396**	**4395**
TOTAL FOR 1988			**310**	**17**	**10**	**317**	**15454**	**775**	**327**	**16174**	**2999**	**4553**

1988 HIGHEST AVERAGE BCA HERD IN EACH ASSOCIATION (BY ASSOCIATION CODE)

Association Code	Name	Herd Owner and Address	Herd ID No.	Cows on Test	No. BCA Rec.	kg Milk	kg Fat	% B.F.	kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot	Comp. BCA
01	La Broquerie	Robert Carr La Broquerie	*14002	87	66	8119	277	3.41	252	3.10	178	165	175	172.7
02	St. Pierre	Ivan Naylor Kleefeld	08045	40	25	7032	234	3.33	230	3.27	148	134	152	144.7
03	Grunthal	Palladale Hol. Grunthal	*16136	42	29	9598	347	3.62	310	3.23	200	195	204	199.7
04	Steinbach	Oswaldson Hol. Steinbach	*15010	86	62	8623	303	3.51	282	3.27	185	176	191	184.0
05	Border	L. Chambers Vita	*03075	17	9	8133	282	3.47	277	3.41	184	171	198	184.3
06	North West	Wm. Barker Swan River	*02075	55	38	7361	249	3.38	241	3.27	156	144	161	153.6
07	Stonewall	Otto Kaegi Stonewall	*15006	72	65	8999	291	3.23	282	3.13	189	165	187	180.3
08	Ste. Anne	Peter Waldner Dugald	*18031	57	31	7627	278	3.64	254	3.33	165	163	174	167.3
09	Southman	Bill M. Unrau Winkler	20054	45	31	7146	246	3.44	239	3.34	164	150	172	162.0
10	Westoba	Greg Tough Hargrave	*20050	43	33	6921	250	3.61	234	3.38	197	173	203	191.0
11	Kleefeld	Deelett Hol. Steinbach	*16093	50	33	8057	276	3.43	258	3.20	171	158	174	167.6

*** denotes Official Herds**

1988 HIGHEST AVERAGE BCA HERD IN EACH ASSOCIATION (BY ASSN. CODE) cont'd

Association Code	Name	Herd Owner and Address	Herd ID No.	Cows on Test	No. BCA Rec.	kg Milk	kg Fat	% B.F.	kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot	Comp. BCA
12	St. Claude	Sandtree Hol. Haywood	*04050	60	44	8996	287	3.19	277	3.08	201	174	195	190.0
13	Lakeshore	James Dyck Lundar	04031	44	32	8183	271	3.31	249	3.04	166	148	159	157.7
14	Pembina Mtn.	Gerry De Smet Cypress River	*04065	29	19	8442	271	3.21	268	3.17	185	162	185	177.3
15	Tiger Hills	Roland Vane Glenboro	*22063	19	15	9507	303	3.19	289	3.04	216	187	208	203.7
16	South Park	G & M Hammell Erickson	*08146	24	18	8364	302	3.61	260	3.11	174	171	172	172.3
17	Yellowhead	G+N Huberdeau St. Lazare	*08126	81	69	7249	267	3.68	231	3.19	158	158	159	158.3
18	Lake Centre	Victor King Arborg	11068	28	26	7839	296	3.78	257	3.28	165	169	172	168.7
19	Mound View	Robt. E. Lea Manitou	*12747	17	16	5913	249	4.21	208	3.52	178	151	176	168.3
20	Agassiz	Ueli Messerli Tyndall	13067	51	31	8385	285	3.40	264	3.15	177	163	176	172.0
21	Norfolk	Rempel Farms MacGregor	*18063	59	45	8313	336	4.04	260	3.13	174	191	172	179.0
		AVERAGES		**52**	**35**	**8038**	**281**	**3.50**	**258**	**3.21**	**178**	**165**	**179**	**174.0**

OFFICIAL

PROCEDURES AND RULES FOR OFFICIAL DHIA

PROCEDURES:

1. Complete N.I.P. formsets for all grade cows.
2. After receiving processed N.I.P. cards from JDBC, complete an application for official DHIA and return this to the Milk Recording office.
3. When the supervisor completes the first special information sheet your herd will be on official DHIA.

RULES:

1. All cows in the herd must be positively identified by registration paper or processed N.I.P. card.
2. Co-operate with D.H.I.A. Supervisor in testing milk weighing devices prior to the evening milking on test day.
3. Sign the computer barn sheet verifying that production and status dates are correct.
4. Put up Supervisor for the night (if requested) on rotational tests (2 times per year.

RECOMMENDATION:

At this time there is still some room for expansion in the Official DHIA program. We stongly recommend to all regular DHIA members, to positively identify their grade animals by the N.I.P. identification program.

1988 OFFICIAL D.H.I.A. HERD LISTING BY TOTAL B.C.A.

ALL BREEDS

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
1	15	22063	Roland Vane Glenboro	19	15	9507	303	3.19	289	3.04	216	187	208	611	203.7
2	03	06130	Palladale Holst. Grunthal	42	29	9598	347	3.62	310	3.23	200	195	204	599	199.7
3	10	20050	Greg Tough Hargrave	43	33	6921	250	3.61	234	3.38	197	173	203	573	191.0
4	12	04050	Sandtree Holst. Haywood	60	44	8996	287	3.19	277	3.08	201	174	195	570	190.0
5	05	03075	Laurie Chambers Vita	17	9	8133	282	3.47	277	3.41	184	171	198	553	184.3
6	04	15010	Oswaldson Holst. Steinbach	86	62	8623	303	3.51	282	3.27	185	176	191	552	184.0
7	07	15006	Otto Kaegi Stonewall	72	65	8999	291	3.23	282	3.13	189	165	187	541	180.3
8	21	18063	Rempel Farms MacGregor	59	45	8313	336	4.04	260	3.13	174	191	172	537	179.0
9	12	14008	New Rosedale Col. Portage	75	52	9034	291	3.22	283	3.13	187	163	185	535	178.3
10	14	04065	Gerry De Smet Cypress River	29	19	8442	271	3.21	268	3.17	185	162	185	532	177.3
11	14	04047	Maurice Delichte St. Alphonse	34	19	7840	300	3.83	274	3.49	169	175	187	531	177.0
12	05	08058	Beerd Hop Tolstoi	38	23	8220	277	3.37	276	3.36	178	164	188	530	176.7

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
13	03	06130	Peter W. Friesen Grunthal	40	39	7880	269	3.41	263	3.34	177	165	186	528	176.0
14	04	23001	Patra Holsteins Steinbach	43	32	8691	265	3.05	278	3.20	183	152	186	521	173.7
15	01	14002	Robert Carr La Broquerie	87	66	8119	277	3.41	252	3.10	178	165	175	518	172.7
16	16	08146	G. & M. Hammell Erickson	24	18	8364	302	3.61	260	3.11	174	171	172	517	172.3
17	14	22041	Ray VanDenBossche Bruxelles	31	24	8110	284	3.50	258	3.18	175	166	176	517	172.3
18	14	22021	VanDeVelde Dairy Mariapolis	64	36	8385	286	3.41	269	3.21	178	163	175	516	172.0
19	14	04066	Edward De Smet Cypress River	31	13	7835	253	3.23	267	3.41	174	152	188	514	171.3
20	14	22056	L. VanDenBossche Bruxelles	30	22	8314	302	3.63	261	3.14	171	168	170	509	169.7
21	21	01022	Airport Colony MacDonald	37	28	8209	270	3.29	259	3.16	176	156	175	507	169.0
22	12	18733	RiverPride Dairy Notre Dame	64	50	8075	286	3.54	264	3.27	169	162	174	505	168.3
23	19	12747	Robert E. Lea Manitou	17	16	5913	249	4.21	208	3.52	178	151	176	505	168.3
24	11	16093	Deelett Holsteins Steinbach	50	33	8057	276	3.43	258	3.20	171	158	174	503	167.7
25	08	18031	Peter Waldner Dugald	57	31	7627	278	3.64	254	3.33	165	163	174	502	167.3

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
26	04	15009	Cottonwood Holst. Steinbach	90	57	8042	280	3.48	267	3.32	167	158	176	501	167.0
27	03	06076	Dennis Friesen Pansy	42	37	7889	297	3.76	256	3.25	164	168	168	500	166.7
28	04	20020	Twin Airview Hol. Steinbach	60	47	7919	278	3.51	251	3.17	169	161	169	499	166.3
29	11	13058	Roswitha Holst. Steinbach	54	44	7448	261	3.50	240	3.22	167	159	170	496	165.3
30	07	04032	Art Dykstra Balmoral	26	21	7884	264	3.35	249	3.16	170	155	170	495	165.0
31	10	13034	Floyd Miller Harding	34	28	7848	276	3.52	255	3.25	166	158	171	495	165.0
32	11	18055	Ravenbrook Holst. Grunthal	17	14	8081	262	3.24	253	3.13	170	149	168	487	162.3
33	10	13116	B. & M. McDonald Brookdale	44	29	7993	295	3.69	259	3.24	161	161	165	487	162.3
34	04	16733	Bulrush Holst. Blumenort	37	27	8041	271	3.37	250	3.11	166	152	164	482	160.7
35	01	02007	Gilbert Balcaen La Broquerie	60	42	7608	263	3.46	252	3.31	161	152	169	482	160.7
36	18	10028	Sigmar Johnson Riverton	54	42	7488	273	3.65	250	3.34	158	157	167	482	160.7
37	19	03073	D. & K. Crawford Manitou	54	45	7847	277	3.53	244	3.11	163	156	161	480	160.0
38	07	22003	E. VanDerZweep Balmoral	28	26	7326	267	3.64	243	3.32	159	155	166	480	160.0

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
39	14	18067	Ben Reuvekamp St. Alphonse	39	28	7581	287	3.79	246	3.24	157	161	161	479	159.7
40	10	03029	Gordon Currah Hartney	71	47	7438	276	3.71	237	3.19	159	160	160	479	159.7
41	04	12003	Laingspring Farm Steinbach	63	39	7693	255	3.31	243	3.16	164	148	165	477	159.0
42	17	08126	G.& N. Huberdeau St. Lazare	76	69	7249	267	3.68	231	3.19	158	158	159	475	158.3
43	10	22001	Van den Ham Dairy Brandon	72	51	7941	250	3.15	252	3.17	165	142	166	473	157.7
44	07	04036	Art Dupont Inwood	34	23	7645	257	3.36	240	3.14	162	148	161	471	157.0
45	11	19077	Ridgetop Holst. Steinbach	56	38	7341	253	3.45	235	3.20	157	147	159	463	154.3
46	07	05005	W. H. Elliot Stonewall	61	40	7424	258	3.48	252	3.39	154	144	164	462	154.0
47	21	04038	J & A Dickinson MacGregor	39	31	6863	267	3.89	213	3.10	152	161	149	462	154.0
48	06	02075	William Barker Swan River	55	38	7361	249	3.38	241	3.27	156	144	161	461	153.7
49	03	06113	Leonard Friesen Grunthal	27	19	7558	268	3.55	242	3.20	155	149	156	460	153.3
50	03	13003	Clifford Martens Grunthal	38	23	7378	267	3.62	233	3.16	154	152	154	460	153.3
51	09	02131	Art Boehlig Winkler	52	43	7412	258	3.48	228	3.08	157	149	153	459	153.0

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
52	01	05007	Louis Balcaen La Broquerie	67	45	6856	254	3.70	227	3.31	150	150	157	457	152.3
53	11	04094	Four Oak Farms Kleefeld	41	31	6795	260	3.83	223	3.28	149	154	154	457	152.3
54	11	19908	William Steinke Niverville	42	30	7381	254	3.44	249	3.37	152	142	162	456	152.0
55	03	06037	Wm. B. Friesen Grunthal	37	34	6955	257	3.70	220	3.16	152	152	152	456	152.0
56	07	03053	T. & L. Crockatt Woodlands	58	42	7224	251	3.47	234	3.24	153	144	156	453	151.0
57	11	04022	Twin Oak Farms Kleefeld	35	27	6947	254	3.66	224	3.22	149	148	153	450	150.0
58	04	18051	Roseland Dairies St. Adolphe	81	69	7334	242	3.30	233	3.18	155	139	155	449	149.7
59	04	19086	Sunnyglade Farms Steinbach	80	62	7602	247	3.25	233	3.06	157	138	153	448	149.3
60	03	20022	Twin Rock Farms Grunthal	103	70	7121	251	3.52	225	3.16	151	145	151	447	149.0
61	07	19005	Albert Strick Inwood	51	38	7446	249	3.34	238	3.20	153	138	155	446	148.7
62	04	18022	Rockrose Dairy Kleefeld	153	126	6984	250	3.58	235	3.36	147	143	156	446	148.7
63	10	06125	John Finnie Kenton	33	29	7151	243	3.40	218	3.05	154	142	149	445	148.3
64	01	02041	Real Brindle La Broquerie	49	37	7172	237	3.30	234	3.26	152	136	156	444	148.0

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
65	04	16035	Rumardale Holst. Giroux	99	76	7088	246	3.47	222	3.13	151	142	149	442	147.3
66	13	11011	Kerbrat Holst. St. Laurent	73	63	7249	251	3.46	229	3.16	150	141	149	440	146.7
67	04	18005	Twinlite Dairy Steinbach	80	61	7107	234	3.29	225	3.17	152	136	152	440	146.7
68	12	04061	La Ferme Pembina Notre Dame	72	58	6869	230	3.35	219	3.19	151	137	152	440	146.7
69	03	04046	Ernest Bueckert Steinbach	43	34	7060	240	3.40	227	3.22	147	137	150	434	144.7
70	10	08099	David Hillis Brandon	42	39	7065	220	3.11	231	3.27	150	127	156	433	144.3
71	10	08068	John Wilson Kenton	56	38	7017	229	3.26	225	3.21	150	131	152	433	144.3
72	03	03086	Pierre Chartier St. Malo	59	43	7058	238	3.37	227	3.22	147	135	149	431	143.7
73	01	18049	Heinz Reimer Steinbach	34	24	6940	228	3.29	218	3.14	149	133	149	431	143.7
74	01	07085	Adrien Grenier Woodridge	52	39	6472	239	3.69	211	3.26	141	142	146	429	143.0
75	11	07008	Dunderave Holst. Winnipeg	42	29	6568	234	3.56	209	3.18	144	139	145	428	142.7
76	20	19041	E. Storsely Beausejour	39	32	6764	236	3.49	211	3.12	144	136	141	421	140.3
77	04	12031	Phlox Holsteins Giroux	85	63	7140	241	3.38	229	3.21	143	130	146	419	139.7

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
78	07	03018	Clearwater Colony Balmoral	63	53	6973	250	3.59	221	3.17	141	136	140	417	139.0
79	11	08104	Bachmeier Holst. Steinbach	34	25	6561	219	3.34	215	3.28	141	128	147	416	138.7
80	19	14025	H. Neustaedter Crystal City	18	15	6395	237	3.71	198	3.10	139	140	134	413	137.7
81	14	14006	Ed Wytinck Cypress River	52	47	6703	255	3.80	213	3.18	135	139	135	409	136.3
82	21	13902	G. & G. McKeen Rosendale	28	22	4254	224	5.27	165	3.88	136	133	140	409	136.3
83	11	19080	Bluesand Dairy Kleefeld	57	46	6690	240	3.59	212	3.17	137	133	137	407	135.7
84	07	12033	G. Schmid Petersfield	44	43	6733	225	3.34	210	3.12	140	126	138	404	134.7
85	02	08005	Raymond Cure St. Pierre	50	34	6272	208	3.32	204	3.25	138	124	141	403	134.3
86	21	13009	Alan Marsh MacGregor	26	18	6050	233	3.85	190	3.14	134	137	130	401	133.7
87	09	08110	Ed Hoeppner Morden	85	79	6773	226	3.34	215	3.17	137	124	138	399	133.0
88	01	01003	Sam Appleby Steinbach	64	47	5997	226	3.77	190	3.17	132	135	132	399	133.0
89	11	06032	W-Two Holsteins Steinbach	31	24	6482	228	3.52	203	3.13	135	129	134	398	132.7
90	02	04016	Destein Dairy St. Pierre	97	66	6385	199	3.12	205	3.21	138	117	140	395	131.7

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
91	10	23731	Westman Dairy Brandon	211	188	6207	217	3.50	205	3.30	132	125	138	395	131.7
92	03	16141	Brian Schroeder Pansy	50	21	6544	218	3.33	207	3.16	135	122	134	391	130.3
93	20	01004	Charles Aime Clandeboye	48	33	3798	175	4.61	150	3.95	132	113	138	383	127.7
94	10	15801	Wes Overand Elkhorn	58	48	4114	187	4.55	161	3.91	130	110	135	375	125.0
95	04	15021	Ekron Holst. Farm Steinbach	24	20	5608	192	3.42	176	3.14	124	115	123	362	120.7
96	02	18001	Denis Raffard Otterburne	50	39	3328	146	4.39	131	3.94	111	90	115	316	105.3
97	08	02032	Albert Billekop Ste. Anne	65	53	5294	180	3.40	161	3.04	108	100	103	311	103.7
			TOTALS	**5193**	**3931**										
			AVERAGES			**7268**	**255**	**3.51**	**234**	**3.22**	**157**	**147**	**160**	**464**	**154.7**

REGULAR

1988 REGULAR D.H.I.A. HERD LISTING BY TOTAL B.C.A.

ALL BREEDS

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
1	05	12904	John Loewen Stuartburn	41	33	8383	296	3.53	270	3.22	181	171	182	534	178.0
2	03	23069	Horst Wiebe Grunthal	60	44	8204	267	3.25	263	3.21	184	162	185	531	177.0
3	10	13096	Morton Farms Miniota	85	66	7798	294	3.77	251	3.22	172	177	175	524	174.7
4	10	16056	R. & L. Lamont Virden	49	39	8604	296	3.44	273	3.17	176	164	177	517	172.3
5	20	13067	Ueli Messerli Tyndall	51	31	8385	285	3.40	264	3.15	177	163	176	516	172.0
6	05	19120	Steegstra & Sons Vita	42	36	7942	312	3.93	258	3.25	167	177	171	515	171.7
7	21	08781	Hidden Valley Col. Austin	37	24	8362	295	3.53	265	3.17	174	166	174	514	171.3
8	04	16015	Pennerdale Holst. Steinbach	94	63	8726	281	3.22	276	3.16	178	155	179	512	170.7
9	18	11068	Victor King Arborg	28	26	7839	296	3.78	257	3.28	165	169	172	506	168.7
10	15	08052	Stewart Hamilton Glenboro	87	67	7921	283	3.57	249	3.14	169	164	169	502	167.3
11	10	02119	C. & M. Bond Carroll	56	37	7534	266	3.53	254	3.37	165	159	176	500	166.7
12	07	08017	Hermann Hueging Woodlands	72	43	8022	263	3.28	253	3.15	173	154	172	499	166.3

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
13	03	08118	Wilfred Holme Grunthal	98	79	8140	260	3.19	254	3.12	174	151	172	497	165.7
14	12	22017	M. Viallet Haywood	28	18	7836	255	3.25	250	3.19	172	151	174	497	165.7
15	09	20054	Bill M. Unrau Winkler	45	31	7146	246	3.44	239	3.34	164	150	172	486	162.0
16	03	16029	Skyline Dairies Grunthal	87	69	8076	263	3.26	248	3.07	170	150	165	485	161.7
17	08	07099	Henry Bosshart Ste. Anne	143	105	7621	246	3.23	244	3.20	167	146	169	482	160.7
18	15	03900	Lloyd Coates Glenboro	16	10	7819	288	3.68	231	2.95	164	164	153	481	160.3
19	20	19126	Urs Schlup Beausejour	95	79	7771	238	3.06	245	3.15	170	141	169	480	160.0
20	07	11010	Gary Kenning Stonewall	44	34	7545	265	3.51	235	3.11	163	156	161	480	160.0
21	09	16076	Larry Penner Altona	22	13	7712	254	3.29	245	3.18	165	148	166	479	159.7
22	19	07079	Grant Didkowski Snowflake	21	19	7761	261	3.36	235	3.03	167	152	158	477	159.0
23	12	18048	Norbert Rey St. Claude	39	34	7885	245	3.11	248	3.15	167	141	167	475	158.3
24	16	19116	S. & M. Smith Clanwilliam	42	32	5340	231	4.33	198	3.71	166	141	168	475	158.3
25	13	04031	James Dyck Lundar	44	32	8183	271	3.31	249	3.04	166	148	159	473	157.7

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
26	08	19743	Samuel Waldner Headingly	56	37	7718	241	3.12	236	3.06	168	143	162	473	157.7
27	14	16117	Edwin Pouteau Mariapolis	27	23	7475	266	3.56	250	3.34	156	150	164	470	156.7
28	15	12024	Jamie Wytinck Glenboro	37	25	7801	262	3.36	252	3.23	160	146	163	469	156.3
29	12	10011	Jan Jongbloed St. Claude	62	45	7773	265	3.41	252	3.24	159	146	163	468	156.0
30	14	04049	Roger Delorme St. Alphonse	28	21	7459	275	3.69	244	3.27	154	154	160	468	156.0
31	08	06020	Bob Friesen Steinbach	46	35	7382	243	3.29	233	3.16	162	144	161	467	155.7
32	07	02127	J. Blankenborg Woodlands	72	50	7468	252	3.37	229	3.07	161	147	155	463	154.3
33	20	13022	A. Mannhart Libau	55	49	7592	257	3.39	244	3.21	157	144	160	461	153.7
34	03	02138	Low Pine Farms Steinbach	37	28	7683	266	3.46	249	3.24	155	146	159	460	153.3
35	10	05003	Arne Eissner Souris	39	29	7561	272	3.60	232	3.07	156	152	152	460	153.3
36	01	11015	Martinus De Klein La Broquerie	67	59	7106	245	3.45	222	3.12	157	148	155	460	153.3
37	07	02042	Boonstra Bros. Meadows	79	60	7404	245	3.31	231	3.12	160	143	156	459	153.0
38	19	11022	Nick Klassen La Riviere	22	19	7279	258	3.54	236	3.24	154	148	157	459	153.0

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
39	01	12046	Franz Felnhofer La Broquerie	69	59	7111	249	3.50	226	3.18	155	148	156	459	153.0
40	09	15003	Herman Olfert Winkler	41	33	7304	246	3.37	229	3.14	158	144	156	458	152.7
41	21	16002	Palas Farms Oakville	46	32	7371	263	3.57	230	3.12	155	150	152	457	152.3
42	14	22006	Divanway Holst. Swan Lake	69	49	7314	258	3.53	239	3.27	153	146	158	457	152.3
43	10	13036	Umberto Osti Beulah	79	62	7571	241	3.18	238	3.14	160	137	158	455	151.7
44	13	23096	Lesly Wainwright Eriksdale	62	48	7558	261	3.45	239	3.16	155	145	155	455	151.7
45	09	05004	Ike Elias Winkler	37	26	7554	258	3.42	233	3.08	157	145	153	455	151.7
46	01	13047	Wm. Meulenbelt Steinbach	20	12	7196	247	3.43	233	3.24	154	143	157	454	151.3
47	21	08018	Brian Hildebrandt Portage	37	30	7266	251	3.45	223	3.07	156	146	151	453	151.0
48	04	23128	Henry Wallman Steinbach	41	35	7114	247	3.47	223	3.13	154	146	152	452	150.7
49	03	06040	Karrick Holsteins Grunthal	45	39	7804	243	3.11	259	3.32	156	131	164	451	150.3
50	10	12075	Ja-Lyn Farms McCauley	79	58	7559	274	3.62	231	3.06	152	149	147	448	149.3
51	21	02136	Bon Homme Colony Elie	68	43	7986	240	3.01	248	3.11	160	130	157	447	149.0

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
52	14	18074	Rene Ricard Baldur	25	19	7105	261	3.67	227	3.19	149	148	149	446	148.7
53	07	22007	B. Van Kemenade Grosse Isle	52	47	7448	254	3.41	226	3.03	155	142	148	445	148.3
54	17	08124	A. & C. Huberdeau St. Lazare	56	38	7025	251	3.57	234	3.33	147	143	155	445	148.3
55	01	22018	Raymond Vielfaure La Broquerie	42	35	6910	240	3.47	217	3.14	152	143	150	445	148.3
56	18	19097	Sigurdson Dairies Riverton	47	30	6809	252	3.70	230	3.37	145	145	154	444	148.0
57	12	19101	I. & R. Simon Notre Dame	29	22	7001	246	3.51	230	3.29	149	140	154	443	147.7
58	07	19050	Dennis Scott Stonewall	45	31	6999	237	3.39	229	3.27	150	137	155	442	147.3
59	10	23071	David Sleep Brookdale	64	55	6292	238	3.78	213	3.39	149	139	154	442	147.3
60	10	11745	Peter Askew Miniota	52	36	7057	257	3.64	228	3.23	145	144	149	438	146.0
61	03	04020	John Driedger Grunthal	49	29	7056	249	3.53	231	3.27	147	140	151	438	146.0
62	10	08004	Laurie Harp Brandon	23	18	7292	237	3.25	227	3.11	152	134	151	437	145.7
63	04	07088	Greenkey Farms Steinbach	57	44	7254	239	3.29	238	3.28	149	133	155	437	145.7
64	18	07064	Ken Gislason Arborg	36	30	7167	246	3.43	226	3.15	149	139	149	437	145.7

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
65	10	21001	Warren Unruh Cromer	28	28	6764	252	3.73	219	3.24	144	146	147	437	145.7
66	19	08070	Raymond Hayward Pilot Mound	36	31	7132	250	3.50	217	3.04	150	142	144	436	145.3
67	19	16062	Pembina Colony Darlingford	75	81	6962	246	3.53	233	3.35	144	139	153	436	145.3
68	03	07017	Celestin Gosselin St. Malo	100	77	6816	240	3.52	225	3.30	146	139	151	436	145.3
69	03	23004	Werner Warkentin Grunthal	41	38	7301	245	3.36	231	3.16	150	136	149	435	145.0
70	13	11122	Thomas Klement Eriksdale	45	33	7130	253	3.55	229	3.21	146	140	148	434	144.7
71	02	08045	Ivan W. Naylor Kleefeld	40	25	7032	234	3.33	230	3.27	148	134	152	434	144.7
72	08	19121	Rocky Wollman Anola	29	22	6830	219	3.21	227	3.32	149	129	156	434	144.7
73	04	08014	Herbsigwil Dairy Randolph	146	97	6735	240	3.56	219	3.25	145	140	149	434	144.7
74	12	13097	R. & R. Muller Notre Dame	36	30	6817	252	3.70	222	3.26	143	143	147	433	144.3
75	07	02021	Kelly Beirnes Stony Mountain	58	49	6992	249	3.56	214	3.06	147	142	143	432	144.0
76	19	06004	John Frank Darlingford	36	30	6800	228	3.35	216	3.18	148	135	149	432	144.0
77	09	23026	Peter Wiebe Winkler	37	35	6719	224	3.33	220	3.27	147	133	152	432	144.0

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
78	08	03033	Ray Connelly Ste. Anne	39	32	6366	242	3.80	219	3.44	138	143	150	431	143.7
79	20	10041	Charles Johnson Lockport	68	61	6974	236	3.38	218	3.13	148	136	146	430	143.3
80	21	09006	Iberville Colony Headingly	46	31	7035	265	3.77	217	3.08	143	146	140	429	143.0
81	01	08073	Hausammann & Sons La Broquerie	142	118	6733	230	3.42	223	3.31	144	134	151	429	143.0
82	13	02100	K. Bauer Eriksdale	28	19	7418	223	3.01	224	3.02	154	125	147	426	142.0
83	13	01017	Albert Allain St. Laurent	34	26	6850	230	3.36	227	3.31	144	131	151	426	142.0
84	08	02011	G. & M. Ballegeer Ste. Anne	50	36	6646	211	3.17	224	3.37	145	126	155	426	142.0
85	07	19024	C. A. Shipley Balmoral	51	41	6845	235	3.43	217	3.17	145	134	146	425	141.7
86	13	13037	Meisner Cousins Moosehorn	57	48	6916	242	3.50	213	3.08	145	138	141	424	141.3
87	21	18035	Jim Rumancik MacGregor	38	33	6904	253	3.66	203	2.94	145	144	135	424	141.3
88	12	13122	Malowood Ent. Ltd. Elm Creek	28	23	7087	253	3.57	219	3.09	144	139	140	423	141.0
89	04	02045	Bristol Dairy Steinbach	54	34	7053	236	3.35	217	3.08	147	133	143	423	141.0
90	02	04090	Randy Baldwin St. Malo	46	33	7327	246	3.36	226	3.08	146	133	143	422	140.7

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
91	03	23010	George V. Wiebe Grunthal	30	25	7045	234	3.32	216	3.07	147	133	142	422	140.7
92	03	23040	Towerridge Farm Grunthal	66	55	6817	232	3.40	220	3.23	143	132	147	422	140.7
93	14	03052	Michael Chevalier St. Alphonse	27	25	6724	248	3.69	223	3.32	138	138	146	422	140.7
94	01	22037	T. Van Velthuizen La Broquerie	38	34	6734	238	3.53	208	3.09	143	137	140	420	140.0
95	11	06077	D.T.S. Holsteins Steinbach	56	46	6514	236	3.62	209	3.21	140	138	142	420	140.0
96	02	11902	Les Krahn Niverville	34	19	6059	207	3.42	191	3.15	144	133	143	420	140.0
97	18	14014	Gordon Platt Arborg	54	47	7023	229	3.26	228	3.25	145	126	147	418	139.3
98	01	14007	Alain Nadeau La Broquerie	106	80	6860	216	3.15	226	3.29	144	123	150	417	139.0
99	11	23017	Wiens Brothers Glenlea	42	37	6665	233	3.50	209	3.14	141	135	141	417	139.0
100	03	02085	Broesky Dairy Grunthal	97	79	7079	234	3.31	216	3.05	146	130	140	416	138.7
101	03	07024	Gerry Guenther Grunthal	56	46	6672	232	3.48	220	3.30	139	131	145	415	138.3
102	09	26001	Bernie Zacharias Winkler	44	37	6505	232	3.57	207	3.18	140	135	140	415	138.3
103	12	18095	Denis Rosset St. Claude	38	32	7010	235	3.35	221	3.15	143	130	141	414	138.0

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
104	14	12025	Lippens Brothers Holland	64	52	7083	227	3.20	230	3.25	143	124	146	413	137.7
105	18	19049	Jim Symynyshen Arborg	36	31	6932	224	3.23	215	3.10	145	126	142	413	137.7
106	20	22002	K. Bachmann Whitemouth	62	46	6831	230	3.37	219	3.21	141	129	143	413	137.7
107	12	07049	Lucien Gauthier St. Claude	28	29	7049	242	3.43	220	3.12	141	131	139	411	137.0
108	12	04074	Dion Brothers Ltd. St. Claude	87	60	6660	225	3.38	210	3.15	141	129	141	411	137.0
109	15	04082	Ken Dowd Glenboro	40	32	6482	232	3.58	200	3.09	139	135	136	410	136.7
110	03	06002	Walter Matter Grunthal	47	45	6656	218	3.28	210	3.16	142	126	141	409	136.3
111	01	02040	Bremaud Brothers La Broquerie	61	49	7005	203	2.90	219	3.13	147	115	145	407	135.7
112	14	04041	DeBaets Brothers Baldur	37	31	6749	240	3.56	215	3.19	137	132	138	407	135.7
113	19	08065	Henry Harms Snowflake	19	14	6644	223	3.36	215	3.24	139	126	142	407	135.7
114	12	12041	Kornelis Dykstra Haywood	55	47	6501	240	3.69	223	3.43	132	132	143	407	135.7
115	06	11047	Milton Kern Swan River	48	39	6820	228	3.34	212	3.11	141	127	138	406	135.3
116	12	12051	Lefloch Brothers St. Claude	41	29	6395	221	3.46	203	3.17	138	130	138	406	135.3

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
117	15	08150	Ron Black Glenboro	76	56	6983	226	3.24	230	3.29	139	121	145	405	135.0
118	02	03057	Rene Catellier St. Malo	21	17	6480	220	3.40	205	3.16	138	128	138	404	134.7
119	03	08040	Albert Huber Grunthal	47	43	7003	229	3.27	220	3.14	140	124	139	403	134.3
120	14	04058	Ben De Ruyck Bruxelles	32	27	6295	215	3.42	194	3.08	139	128	136	403	134.3
121	07	02140	Murray Boonstra Stonewall	50	26	6846	218	3.18	218	3.18	140	121	141	402	134.0
122	18	16064	Peter Pfund Narcisse	48	39	6758	219	3.24	203	3.00	141	125	135	401	133.7
123	05	23033	G. Wagenhoffer Stuartburn	32	34	6658	221	3.32	207	3.11	139	125	137	401	133.7
124	10	23118	John Wohlgemuth Oak Lake	45	38	6603	241	3.65	210	3.18	134	133	134	401	133.7
125	10	15014	Robert Hildebrand Brandon	52	43	6499	213	3.28	208	3.20	138	123	140	401	133.7
126	12	19044	S. A. Harrison Haywood	68	55	6566	224	3.41	213	3.24	136	125	139	400	133.3
127	21	08761	Jeff Harder Plumas	19	16	6472	261	4.03	199	3.07	130	142	128	400	133.3
128	03	23018	Willie Wiens Grunthal	47	35	6432	223	3.47	207	3.22	135	127	138	400	133.3
129	11	01001	A & H Dairy Farms Randolph	139	121	6546	222	3.39	201	3.07	138	127	134	399	133.0

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
130	18	10036	Glenn Jonson Arborg	24	20	6440	233	3.62	205	3.18	133	131	135	399	133.0
131	12	13127	John McIvor Portage	28	24	6484	228	3.52	207	3.19	134	129	135	398	132.7
132	11	19158	Fred Driedger Grunthal	38	30	6903	228	3.30	212	3.07	139	124	134	397	132.3
133	03	10005	Jake Janzen Grunthal	45	36	6693	240	3.59	204	3.05	134	131	130	395	131.7
134	08	16040	Robert B. Plett Landmark	50	40	6576	222	3.38	210	3.19	135	123	137	395	131.7
135	07	07027	Allan Grenkow Winnipeg	67	35	6627	234	3.53	212	3.20	132	126	135	393	131.0
136	03	06028	James & Wes Froese Grunthal	38	27	6475	228	3.52	206	3.18	133	126	134	393	131.0
137	02	07019	Roger Gosselin St. Malo	23	20	6396	223	3.49	208	3.25	132	124	136	392	130.7
138	20	02025	Harry Baars Selkirk	111	96	6120	223	3.64	204	3.33	129	127	136	392	130.7
139	05	12079	Martin Loeppky Stuartburn	30	29	6462	226	3.50	209	3.23	132	125	134	391	130.3
140	07	04056	Ronald Diell Oak Point	44	34	6420	216	3.36	210	3.27	133	121	137	391	130.3
141	02	06056	G. & C. Forest St. Malo	38	34	6245	202	3.23	206	3.30	134	117	140	391	130.3
142	05	22043	C. Van Velthuizen Vita	41	38	6112	213	3.48	191	3.13	134	126	131	391	130.3

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
143	12	16704	Cloverleaf Dairy St. Claude	43	35	6391	216	3.38	191	2.99	137	125	128	390	130.0
144	13	23009	John Darknell Lundar	58	57	6527	229	3.51	201	3.08	133	126	130	389	129.7
145	07	08733	J. Hueging Warren	62	51	6334	201	3.17	204	3.22	135	116	138	389	129.7
146	12	07013	David Giesbrecht Roseisle	34	24	6731	218	3.24	215	3.19	135	118	135	388	129.3
147	20	02061	Ernie Brown Whitemouth	35	29	6017	214	3.56	196	3.26	130	125	133	388	129.3
148	02	04099	Gerald Dumont St. Pierre	35	26	6638	208	3.13	203	3.06	138	117	132	387	129.0
149	03	23057	Henry B. Wiebe Grunthal	46	33	6822	217	3.18	220	3.22	133	115	137	385	128.3
150	08	22732	T. Van Der Kroon Steinbach	103	83	6187	220	3.56	200	3.23	129	125	131	385	128.3
151	03	06029	Peter Froese Grunthal	99	74	6223	228	3.66	198	3.18	128	127	129	384	128.0
152	01	14001	Antonin Nadeau La Broquerie	111	96	5865	187	3.19	189	3.22	133	116	135	384	128.0
153	11	18065	Gruenfeld Dairy Kleefeld	55	42	6499	224	3.45	205	3.15	131	122	130	383	127.7
154	03	18034	C. & S. Simner Grunthal	52	37	5801	199	3.43	190	3.28	129	120	132	381	127.0
155	07	13029	R. & S. Molter Stonewall	46	32	6252	226	3.61	200	3.20	127	124	128	379	126.3

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
156	10	23791	Duncan Wilson Kenton	46	24	6168	228	3.70	199	3.23	126	126	127	379	126.3
157	14	22031	Ray Van Woensel Swan Lake	38	23	6227	207	3.32	190	3.05	132	119	127	378	126.0
158	11	19136	Sonnyside Holst. New Bothwell	36	29	5994	218	3.64	192	3.20	126	124	128	378	126.0
159	08	19010	James A. Scott Dufresne	49	44	5912	213	3.60	191	3.23	126	123	129	378	126.0
160	12	02153	M. & E. Pratt St. Claude	25	35	6325	217	3.43	193	3.05	130	121	125	376	125.3
161	07	04003	Bruce Dalman Petersfield	38	20	6236	211	3.38	194	3.11	129	119	128	376	125.3
162	21	16014	Jake Peters Plumas	45	44	5840	226	3.87	186	3.18	123	129	124	376	125.3
163	12	06062	Charles Fouasse Notre Dame	41	28	5979	215	3.60	190	3.18	126	123	126	375	125.0
164	05	23076	Paul Wiens Gardenton	28	20	6410	204	3.18	196	3.06	131	113	127	371	123.7
165	10	03031	Eagleton Dairys Tilston	32	29	6099	215	3.53	194	3.18	124	120	126	370	123.3
166	10	03801	G. & J. Cowan Elkhorn	35	34	4161	171	4.11	159	3.82	130	104	135	369	123.0
167	05	14020	Henry Nickel Stuartburn	30	20	6167	184	2.98	191	3.10	132	107	129	368	122.7
168	08	02125	Robert Gousseau St. Norbert	71	52	6075	209	3.44	194	3.19	125	117	126	368	122.7

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
169	21	08061	Fred & Liz Neil MacGregor	39	32	5801	219	3.78	183	3.15	122	124	122	368	122.7
170	16	08145	Bruce Hill Erickson	35	28	5963	221	3.71	185	3.10	123	123	121	367	122.3
171	15	02008	J.-P. Burgdorfer Wawanesa	36	28	5820	213	3.66	185	3.18	122	120	122	364	121.3
172	08	08038	Guy Hutlet Steinbach	45	37	5512	206	3.74	177	3.21	120	121	123	364	121.3
173	03	19634	David Swynar Pansy	52	40	5966	195	3.27	194	3.25	134	111	128	363	121.0
174	03	13105	Henry Manaigre Pansy	41	28	6065	217	3.58	190	3.13	122	118	121	361	120.3
175	03	23056	Harold Braun Grunthal	79	56	5852	196	3.35	190	3.25	123	112	126	361	120.3
176	12	02083	F. & G. Badiou Notre Dame	38	28	5790	202	3.49	189	3.26	121	115	125	361	120.3
177	18	10025	Carl Johanson Arborg	44	38	5862	200	3.41	183	3.12	123	114	123	360	120.0
178	11	18008	Cornelius Rempel Randolph	44	34	5338	194	3.63	177	3.32	119	118	123	360	120.0
179	05	07052	Dale Gerbrandt Roseau River	33	11	6134	205	3.34	179	2.92	126	114	117	357	119.0
180	09	11728	Daniel Klassen Altona	29	29	6097	213	3.49	193	3.17	121	115	121	357	119.0
181	06	19052	C. & B. Stephen Bowsman	37	19	5980	198	3.31	188	3.14	123	111	123	357	119.0

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
182	13	11100	Gordon Kopp Moosehorn	39	33	5761	209	3.63	186	3.23	119	117	121	357	119.0
183	11	18064	Fritz Reutter Grunthal	90	68	5911	196	3.32	187	3.16	123	110	123	356	118.7
184	02	07002	Frank Gagne Otterburne	39	40	5772	189	3.27	185	3.21	122	109	124	355	118.3
185	10	23050	Glenroden Farm Alexander	42	37	5595	223	3.99	179	3.20	114	123	116	353	117.7
186	11	19106	Markus Staib New Bothwell	87	73	5491	182	3.31	174	3.17	121	110	122	353	117.7
187	09	18006	Henri Ouellet St. Joseph	48	39	5795	217	3.74	176	3.04	118	120	114	352	117.3
188	19	14026	John Neufeld Crystal City	35	25	5757	204	3.54	181	3.14	119	114	118	351	117.0
189	18	16110	Frank D. Plett Riverton	55	45	5917	206	3.48	188	3.18	119	112	119	350	116.7
190	11	19105	A. & A. Suderman Niverville	27	25	5623	198	3.52	175	3.11	119	113	117	349	116.3
191	11	19047	Suncrest Colony Tourond	32	25	5439	183	3.36	181	3.33	117	107	124	348	116.0
192	11	20058	Trideuce Farms Steinbach	35	35	5652	193	3.41	181	3.20	118	109	119	346	115.3
193	13	11128	Grauman Holsteins Moosehorn	51	34	5619	195	3.47	174	3.10	119	112	115	346	115.3
194	01	20002	Luc Tetrault La Broquerie	29	22	5847	190	3.25	176	3.01	121	107	114	342	114.0

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
195	03	04078	Donald Doerksen Grunthal	37	29	5901	194	3.29	176	2.98	120	107	113	340	113.3
196	11	02791	Jake H. Banman New Bothwell	39	33	5373	182	3.39	172	3.20	116	107	117	340	113.3
197	18	11032	Wayne Kristinnson Arborg	23	19	5465	198	3.62	165	3.02	115	113	110	338	112.7
198	17	19114	Tonasue Dairy St. Lazare	53	30	5250	183	3.49	170	3.24	117	104	117	338	112.7
199	04	13118	Marathon Holst. Steinbach	40	36	5903	197	3.34	171	2.90	119	107	108	334	111.3
200	05	11021	Abe Klassen Roseau River	44	34	5843	187	3.20	178	3.05	118	102	114	334	111.3
201	08	23022	Dave Wiens Glenlea	46	12	5080	196	3.86	169	3.33	107	113	114	334	111.3
202	02	13017	Michel Beaudoin Otterburne	22	16	5756	162	2.81	171	2.97	122	93	115	330	110.0
203	05	16085	Yvonne Penner Vita	30	22	5935	186	3.13	184	3.10	115	98	115	328	109.3
204	20	23028	George Wurch Beausejour	41	32	5421	177	3.27	166	3.06	113	100	110	323	107.7
205	18	06054	Lorne Floyd Arborg	16	13	4835	195	4.03	143	2.96	103	112	95	310	103.3
206	10	10017	Neil Jardine Brookdale	15	16	5065	176	3.47	163	3.22	105	98	106	309	103.0
207	12	16128	M. & E. Pratt St. Claude	71	38	5390	160	2.97	162	3.01	111	89	105	305	101.7

RANK	Assn. No.	Herd ID No.	Herd Owner	Ave. No. Cows	No. of BCA Records	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Total BCA	Comp. BCA
208	20	19742	Storsley Farms Beausejour	118	75	5088	174	3.42	166	3.26	103	95	106	304	101.3
209	18	16135	Pall Palsson Riverton	60	46	4796	171	3.57	145	3.02	104	100	99	303	101.0
210	01	02043	Earl Borkowsky Steinbach	50	19	4746	151	3.18	141	2.97	95	81	90	266	88.7
211	09	08120	A. & A. Houle St. Joseph	35	29	4418	162	3.67	140	3.17	88	88	88	264	88.0
212	10	08056	John Harburn Brookdale	27	24	3462	133	3.84	108	3.12	84	81	81	246	82.0
			TOTALS	**10498**	**8147**										
			AVERAGES			**6661**	**229**	**3.44**	**211**	**3.17**	**140**	**130**	**141**	**411**	**137.0**

NEW 1988 D.H.I.A. HERDS - LISTED BY ASSOCIATION

TRANSFERRED FROM R.O.P.

#	Assn. No.	Herd ID No.	Transfer Month	Herd Owner	Ave. No. Cows	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Comp. BCA
1	10	13052	April	S. Gerling Killarney	74	3863	138	3.57	135	3.49	74	71	81	75.3
				SUBTOTAL	**74**									

NEW HERDS ENROLLED IN 1988 - NEVER ON TEST

#	Assn. No.	Herd ID No.	First Test	Herd Owner	Ave. No. Cows	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Comp. BCA
1	01	02043	Feb.	Earl Borkowsky Steinbach	50	4746	151	3.18	141	2.97	95	81	90	88.3
2	01	12054	Oct.	Harold Loewen Steinbach	41	NO COMPLETED RECORDS								
3	05	07052	Jan.	Dale Gerbrandt Roseau River	11	6134	205	3.34	179	2.92	126	114	117	119.0
4	05	03075	Jan.	Laurie Chambers Vita	9	8133	282	3.47	277	3.41	184	171	198	184.3
5	07	13059	April	D. J. Munroe Warren	33	6404	233	3.64	197	3.08	187	166	174	175.7
6	08	03004	April	Gary Carrette Vermette	72	4156	145	3.49	153	3.68	104	99	107	103.3
7	08	23022	Jan.	Dave Wiens Glenlea	46	5080	196	3.86	169	3.33	107	113	114	111.3

NEW HERDS ENROLLED IN 1988 - NEVER ON TEST (continued)

#	Assn. No.	Herd ID No.	First Test	Herd Owner	Ave. No. Cows	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Comp. BCA
8	10	04071	Jan.	Wm. Dunlop Souris	34	5567	195	3.50	176	3.16	128	119	128	125.0
9	10	19091	Jan.	Ken Sharpe Minnedosa	40	6173	234	3.79	193	3.13	139	144	139	140.7
10	10	03011	Sept.	Lorne Chapman Brandon	95	NO COMPLETED RECORDS								
11	18	02115	May	Oskar Buehlman Arborg	58	NO COMPLETED RECORDS								
12	20	14035	Sept.	New Dawn Holst. Petersfield	46	NO COMPLETED RECORDS								
13	21	23072	Aug.	Dennis Woolley MacGregor	37	NO COMPLETED RECORDS								
14	21	19060	May	Jake Elias Arden	30	6396	230	3.60	207	3.24	132	129	137	132.7
				SUBTOTAL	**602**									

SUMMARY OF NEW HERDS

	Herds	Cows
Transferred from Other Associations	-	-
Transferred from R.O.P.	1	74
Transferred from Owner Sampler	-	-
New - Never on Test	14	602
TOTAL	**15**	**676**

DISCONTINUED HERDS IN 1988

DISCONTINUED FOR OTHER REASONS

#	Assn. No.	Herd ID No.	Last Test	Herd Owner	Ave. No. Cows	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Comp. BCA
1	01	05001	Jan.	Erik Eising La Broquerie	12	5988	189	3.16	203	3.39	133	113	140	128.7
2	04	20008	Jan.	Eric Toews Steinbach	3	6316	198	3.13	196	3.10	132	112	130	124.7
3	04	16111	April	F. G. Plett Steinbach	50	5693	188	3.30	177	3.11	115	103	113	110.3
4	07	02047	Aug.	J. Bouskill Stonewall	30	5870	217	3.70	191	3.25	122	122	125	123.0
5	09	02129	March	Blumengart Col. Plum Coulee	35	6352	218	3.43	200	3.15	135	125	133	131.0
6	13	02023	March	F. & R. Bennett Lundar	72	6781	226	3.33	221	3.26	143	129	146	139.3
7	18	06054	Dec/87	Lorne Floyd Arborg	13	4377	181	4.14	141	3.22	91	103	92	95.3
				SUBTOTAL	**215**									

SOLD IN 1988

#	Assn. No.	Herd ID No.	Last Test	Herd Owner	Ave. No. Cows	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Comp. BCA
1	15	06058		Marlene Funk Glenboro	16	5329	210	3.94	174	3.27	106	113	111	109.0
				SUBTOTAL	**16**									

START AND DISCONTINUED IN 1988

#	Assn. No.	Herd ID No.	First and Last Test	Herd Owner	Ave. No. Cows	Ave. kg Milk	Ave. kg Fat	% BF	Ave. kg Prot.	% Prot.	BCA Milk	BCA Fat	BCA Prot.	Comp. BCA
1	01	08117	Jan-Apr.	J. & R. Holme Steinbach	46	NO	COMPLETED		RECORDS					
2	15	22047	Jan-June	Simon Vrouwe Carberry	37	NO	COMPLETED		RECORDS					
				SUBTOTAL	**83**									

SUMMARY OF DISCONTINUED HERDS

	Herds	Cows
Transferred to Another Association	-	-
Transferred to R.O.P.	-	-
Transferred to Owner Sampler	-	-
Discontinued for Other Reasons	7	215
Sold	1	16
Start and Discontinued in 1988	2	83
TOTAL	**10**	**314**

Owner Sampler

1988
PROVINCIAL SUMMARY
OWNER SAMPLER

Herds

1.	Herds on test January 1	109
2.	New herds enrolled	5
3.	Discontinued herds	11
4.	Herds on test December 31 (all breeds)	103
5.	Percent of herds on test based on 1071 producers	9.6%
6.	Herds on test for 12 months	100

Cows

7.	Cows on test at year end	5287
8.	Percent of cows on test based on 52,000 cows	10.2%
9A.	Kg milk production/cow 305 days (Holstein)	6506
9B.	Kg milk production/cow 305 days (all breeds)	6421
10A.	Kg fat production/cow 305 days (Holstein)	219
10B.	Kg fat production/cow 305 days (all breeds)	218
11A.	Kg protein production/cow 305 days (Holstein)	206
11B.	Kg protein production/cow 305 days (all breeds)	204
12A.	Percent butterfat/cow (Holstein)	3.37
12B.	Percent butterfat/cow (all breeds)	3.40
13A.	Percent Protein/cow (Holstein)	3.17
13B.	Percent Protein/cow (all breeds)	3.18
14A.	BCA milk/cow (Holstein)	137
14B.	BCA milk/cow (all breeds)	137
15A.	BCA fat/cow (Holstein)	125
15B.	BCA fat/cow (all breeds)	128
16A.	BCA protein/cow (Holstein)	137
16B.	BCA protein/cow (all breeds)	137
17A.	Comp. BCA (Milk,Fat & Protein) (Holstein)	133
17B.	Comp. BCA (Milk,Fat & Protein) (all breeds)	134
18.	Number of BCA records (all breeds)	3741

1988

HERDS ON OWNER SAMPLER FOR FULL YEAR

(Listed by Herd Number)

		No. of Cows on Last Test of Year
01029	Andres Ranch Farms, Roblin	38
01036	Larry Auch, Steinbach	38
01040	Thomas Alston, Hartney	110
02015	Ervey Bartel, Steinbach	39
02019	R.B. Beckman, Steinbach	44
02027	Bergmann Brothers, Glenlea	56
02063	Michael Becker, Whitemouth	25
02092	Larry Black, Deloraine	24
02093	Barickman Colony, Headingly	57
02104	Paul Humeny, Arborg	33
02107	Morton Borland, Swan River	58
02137	Art Borkowsky, Steinbach	37
02726	Ian George Brown, Deloraine	39
02815	Gordon Bartel, Steinbach	13
04005	W.G. Davey, Westbourne	36
04008	Delorme Brothers, St. Joseph	33
04068	Gerald Devries, Ochre River	59
04069	Leonard Devries, Ochre River	37
04128	Raymond & Irene Dueck, Stephenfield	16
05006	Bernhard Elskamp, Woodlands	95
05008	Abe Ens, Winkler	66
05012	Karl W. Eck, Whitemouth	23
05016	Peter Elias, Winkler	31
05022	Sam J. Maendel, Newton Siding	21
05029	Brian George Esau, Steinbach	36
06010	Mark Fleury, Marquette	76
06011	Gilles Forest, St. Malo	21
06018	Friesen Brothers, Morden	44
06026	Neil Friesen, Wawanesa	44
06031	David W. Fairlie, Warren	29
06075	David P. Friesen, Morden	45

HERDS ON OWNER SAMPLER FOR FULL YEAR - cont'd

		No. of Cows on Last Test of Year
07004	P. Devries, Haywood	104
07010	Georgison Farms, Winnipeg	48
07023	H.S. Giesbrecht, Austin	31
07026	G. & L. Gregoire, Lorette	46
07083	Andre Grenier, St. Leon	43
07095	J.P. Grumpelt, Plumas	70
08016	Ken Hibbitt, Balmoral	96
08026	Tony & Judy Hoitink, Steinbach	56
08034	Franz Hueging, Woodlands	84
08072	Terry Heckert, Steinbach	36
08117	Jeff & Rose Holme, Steinbach	47
08728	Homewood Colony, Starbuck	43
09001	Isaac Herman, Kleefeld	41
09007	Interlake Colony, Teulon	42
10031	Norman Johnston, Arborg	59
10043	Murray A. Jarvis, Arden	50
10044	Henri Jobin, St. Claude	87
11001	Ronald Kalberg, Bagot	29
11005	Eberhart Kampff, Grunthal	43
11017	Jake Klassen, Arden	41
11027	Roland Kuip, Glenella	26
11061	Jake Kehler, Austin	28
11084	Ale Riedstra, Elm Creek	39
11101	Dennis Kowal, Solsgirth	69
11902	Les Krahn, Niverville	33
11961	Corney N. Dyck, Austin	12
12005	Ike Hiebert, Carroll	40
12023	Willie Lange, Dugald	53
12028	Laiterie Deschambault, St. Lazare	62
12039	Andre Lambert, Haywood	33
12080	Russell Loewen, Sidney	25
12746	Frank & Ed Lavich, Carberry	35
12902	Walter R. Lamb, Dunrea	26

HERDS ON OWNER SAMPLER FOR FULL YEAR - cont'd

		No. of Cows on Last Test of Year
13054	Bill Maclellan, Woodlands	36
13082	Robert Messinbird, Gilbert Plains	31
13083	Miami Colony, Morden	57
15001	Allen Douma, Winnipeg	90
16005	Austin Peach, Balmoral	5
16007	Pelletier Brothers, La Broquerie	57
16063	Cornie Penner, Altona	20
16071	George Pouteau, Mariapolis	31
16100	Lionel Philippe, St. Claude	35
16105	Raymond Philippot, St. Claude	49
16139	Robert Preston, Portage la Prairie	15
18009	Don E. Holgerson, Woodridge	35
18023	Rock Lake Colony, Grosse Isle	63
18042	Red Top Farms Ltd., Gardenton	47
18047	C.M. Reimer, Grunthal	56
18061	Riverholme Farm, Dauphin	59
18077	Riverdale Colony, Gladstone	29
18102	Clifford C. Rinn, Gilbert Plains	31
19020	Shellborn Holsteins, Erickson	74
19059	Jack H. Skeoch, Killarney	19
19105	Abe & Ann Suderman, Niverville	27
19122	L. Derek Stacey, Haywood	80
19130	Gary Strange, Killarney	32
19133	Theo Schreyer, Dufresne	37
19638	M.A. Sytnick, Valley River	19
19902	James & Eleanor Graham, Minnedosa	24
19903	S. Schweigert, Inwood	34
20009	Barry Tomyk, Stonewall	14
20024	Talpash Dairies Ltd., Gilbert Plains	34
21009	Glenlea Research Station, Glenlea	57
22005	J. Van Gorp, Ile des Chenes	84
22008	Harry Van Osch, Lorette	26
22013	George Van Walleghem, Fort Whyte	79

HERDS ON OWNER SAMPLER FOR FULL YEAR - cont'd

		No. of Cows on Last Test of Year
22022	Pierre Vallotton, Stockton	32
22059	Henry Vandevelde, Elkhorn	149
23034	Waldheim Colony, Elie	31

TOTAL HERDS 100

NEW OWNER SAMPLER HERDS IN 1988
(Listed by Herd Number)

		No. of Cows on Last Test of Year
03901	Garry Church, Killarney	14
04091	Clarence Doerksen, MacGregor	17
06901	Anna Foster, Ochre River	16
08117	Jeff & Rose Holme, Steinbach	47
19060	Jake Elias, Arden	31

DISCONTINUED OWNER SAMPLER HERDS IN 1988
(Listed by Herd Number)

		No. of Cows on Last Test of Year
03054	John W. Coulter & Son, Brandon	51
08117	Jeff & Rose Holme, Steinbach	47
10014	Jaymar Farms Limited, Steinbach	101
11010	Garry Kenning, Stonewall	44
12903	Victor Lamoureux, Eriksdale	18
16002	Palas Farms, Oakville	46
16128	Ed Painter, Treherne	55
16902	Ed Podollan, Roblin	12
19040	Ken & Joan Sonnechsen, Kleefeld	50
19060	Jake Elias, Arden	31
22047	Simon Vrouwe, Carberry	36

1987

PROVINCIAL SUMMARY FOR MANITOBA
MILK RECORDING - ALL PROGRAMS

	ROP	DHIA OFF.	DHIA REG.	O/S	TOTAL
1. HERDS on test January 1	113	78	213	125	530
2. New herds enrolled	1	6	23	11	41
3. Discontinued herds	11	1	9	27	48
4. Herds on test December 31	103	83	227	109	523
5. % HERDS on test based on 1083 prod.	9.5%	7.7%	21%	10.1%	48.3%
6. Herds on test for 12 months	103	79	202	100	484
7. COWS on test at year end	5777	4156	10237	5341	25511
8. % COWS on test based on 52,000 cows	11.1%	8%	19.7%	10.3%	49.1%
9A. Ave. kg Milk/cow 305 days (Holstein)	7053	-	-	6331	-
9B. Ave. kg Milk/cow 305 days (all breeds)	6924	7185	6423	6140	6668
10A. Ave. kg Fat/cow 305 days (Holstein)	248	-	-	213	-
10B. Ave. kg Fat/cow 305 days (all breeds)	246	248	225	211	233
11. Ave. kg Protein/cow 305 days (all br)	-	228	205	198	210
12A. Ave. % Butterfat/cow (Holstein)	3.51	-	-	3.36	-
12B. Ave. % Butterfat/cow (all breeds)	3.57	3.45	3.50	3.43	3.49
13. Ave. % Protein/cow (all breeds)	-	3.17	3.19	3.16	3.15
14A. Ave. B.C.A. Milk/cow (Holstein)	148	-	-	133	-
14B. Ave. B.C.A. Milk/cow (all breeds)	148	154	138	133	143
15A. Ave. B.C.A. Fat/cow (Holstein)	142	-	-	122	-
15B. Ave. B.C.A. Fat/cow (all breeds)	142	143	129	121	134
16. Ave. B.C.A. Protein/cow (all breeds)	-	154	137	132	141
17A. Comp. B.C.A. Milk & Fat (Holstein)	145	-	-	-	-
17B. Comp. B.C.A. Milk, Fat, Prot. (all br)	-	150	135	129	139
18. No. of B.C.A. records (all breeds)	4642	3028	9254	3868	20792

1987 - MANITOBA R.O.P. SUMMARY

A. HERDS	Ayrshire	Brown Swiss	Guernsey	Holstein	Jersey	All Breeds
1. Herds on Test January 1	2	4	1	102	4	113
2. New herds enrolled	-	-	-	-	1	1
3. Total herds on test during the year	2	4	1	102	5	114
4. Discontinued herds	-	-	-	9	2	11
5. Herds on test Dec. 31	2	4	1	93	3	103
6. Herds on test for 12 months	2	4	1	93	3	103
B. PRODUCTION						
7. Ave. Kg. Milk/Cow	6156	5681	5289	7053	3752	6924.2
8. Ave. Kg. Fat/Cow	230	224	246	248	188	245.9
9. Ave. % BF/Cow	3.74	3.94	4.65	3.51	5.0	3.57
10. Ave BCA Milk/Cow	154	145	162	148	122	147.5
11. Ave. BCA Fat/Cow	161	143	150	142	113	141.5
12. Composite BCA Milk & Fat	157.5	144	156	145	117.5	144.5

D.H.I.A. SUMMARY - 1987

(REGULAR & OFFICIAL)

		1987	1986
A.	**Associations in Operation**	21	21
B.	**HERDS**		
	1. Herds on test January 1	291	282
	2. New herds on test	29	25
	3. Total herds on test during the year	320	307
	4. Discontinued herds	10	16
	* 5. Herds on test on December 31	310	291
	6. Herds on DHIA continually for 12 months	281	266
	6A. Herds on official DHIA on December 31	83	78
C.	**COWS**		
	7. Total number of cows on January 1	13885	13372
	8. Total number of cows from new herds	1184	969
	9. Total cows on test during the year	15069	14341
	10. Total cows from discontinued herds	321	547
	11. Total cows on test on December 31	14393	13265
	12. Average number of cows per herd (11 ÷ 5)	46.4	45.6
D.	**PRODUCTION AVERAGES** (All Breeds)		
	13. Ave. kg Milk/cow (305 days)	6804	6801
	14. Ave. kg Fat/cow (305 days)	237	234
	15. Ave. kg Protein/cow (305 days)	217	215
	16. Ave. % Butterfat/cow	3.48	3.44
	17. Ave. % Protein/cow	3.19	3.16
	18. Ave. BCA Milk/cow	146	144
	19. Ave. BCA Fat/cow	136	134
	20. Ave. BCA Protein/cow	146	143
	21. Comp. BCA Milk, Fat & Protein	142.7	140.3
	22. No. of BCA records for herds on test for 12 months	12282	10205
E.	**IDENTIFICATION AT YEAR END**		
	23. Total cows on test	15484	13303
	24. Registered cows on test	2396	2068
	25. % Registered cows on test	15.5%	15.5%
	26. N.I.P. cows on test	4395	4095
	27. % N.I.P. cows on test	28.4%	30.8%
	28. Grade cows on DHIA	6940	5994
	29. % Grade cows	44.8%	45.1%

F. NEW HERDS ENROLLED ON DHIA

	1987		1986	
	Herds	Cows	Herds	Cows
Herds transferred from R.O.P.	3	109	1	4
Herds transferred from Owner Sampler	11	335	14	407
New herds never on test	14	608	9	391
TOTAL NEW HERDS	28	1052	24	802
DHIA herds started and discontinued	-	-	-	-

G. DISCONTINUED DHIA HERDS

	1987		1986	
	Herds	Cows	Herds	Cows
Herds transferred to R.O.P.	-	-	1	32
Herds transferred to Owner Sampler	1	32	3	135
Herds sold	1	10	2	71
Herds discontinued for other reasons	7	219	9	250
TOTAL DISCONTINUED HERDS	9	261	15	488

H. 1986-87 YEAR END HERD AND COW COUNT

	1987		1986	
	Herds	Cows	Herds	Cows
Data from herds with completed records	281	14393	266	13340
Data from herds with less than 10 BCA	1	15	-	-
Data from herds transferring association	1	72	1	70
Data from herds transferred from O/S	11	335	14	407
Data from herds transferred from R.O.P.	3	109	1	4
Data from herds never on test	14	608	9	391
TOTAL	311	15532	291	14212

I. CHANGE IN DHIA SUPERVISORS IN 1987

	Association	Resigning Supervisor	New Supervisor	Month Hired
	Tiger Hills	Wayne Nelson	Glen Jefferies	May
*	Lake Centre	Ruth Deneka	Roy Danielson	June
	Stonewall	Bev Girard	Larry Klimpke	July
	Border	Dale Gerbrandt	Landis Loeppky	September
*	Lake Centre	Audrey Eyolfson	(no replacement - Roy Danielson to take over)	

1987

ASSOCIATION AVERAGES OF HERDS ON TEST ALL YEAR

(Official & Regular D.H.I.A.)

	Association	Herds Tested	Total # Cows on Test	# of BCA Records	kg Milk	kg Fat	% BF	kg Prot	% Prot	BCA Milk	BCA Fat	BCA Prot	Comp BCA
1.	Westoba	28	1504	1195	6760	235	3.48	210	3.11	149	141	150	146.7
2.	South Park	3	106	77	6485	242	3.73	213	3.29	149	138	149	145.3
3.	Pembina Mtn.	16	623	450	6932	245	3.53	219	3.16	147	141	147	145.0
4.	Steinbach	21	1485	1059	7064	240	3.40	220	3.11	149	138	147	144.7
5.	Norfolk	10	388	301	6608	251	3.80	207	3.13	145	145	142	144.0
6.	Stonewall	20	993	720	6905	242	3.51	220	3.19	146	139	146	143.7
7.	Tiger Hills	6	306	229	7025	237	3.37	219	3.12	148	135	146	143.0
8.	St. Claude	21	957	750	6977	235	3.37	219	3.14	145	133	144	140.7
9.	Mound View	10	334	288	6574	237	3.61	210	3.19	143	136	143	140.7
10.	La Broquerie	17	1096	819	6561	226	3.44	208	3.17	141	132	141	138.0
11.	Ste. Anne	13	774	595	6473	223	3.45	206	3.18	139	130	140	136.3
12.	Grunthal	31	1698	1200	6677	230	3.45	210	3.15	140	130	138	136.0
13.	Agassiz	10	655	504	6619	226	3.41	209	3.16	139	129	139	135.7
14.	Lakeshore	11	567	429	6671	226	3.39	209	3.13	138	127	137	134.0
15.	Southman	12	553	408	6459	226	3.50	204	3.16	137	129	136	134.0
16.	Yellowhead	3	182	127	6391	226	3.54	202	3.16	137	129	135	133.7
17.	Kleefeld	21	1035	787	6418	223	3.48	203	3.16	136	128	135	133.0
18.	North West	3	142	114	6490	219	3.37	201	3.10	137	125	133	131.7
19.	St. Pierre	7	306	232	6514	212	3.25	205	3.15	136	121	136	131.0
20.	Border	10	383	292	6359	215	3.38	202	3.18	135	123	135	131.0
21.	Lake Centre	10	367	279	6369	227	3.56	199	3.13	132	127	130	129.7
	TOTALS	**283**	**14454**	**10855**									
	AVERAGES				**6635**	**231**	**3.48**	**209**	**3.15**	**141**	**132**	**140**	**137.7**

Owner Sampler

1987

PROVINCIAL SUMMARY

OWNER SAMPLER

Herds

1.	Herds on test January 1	125
2.	New herds enrolled	11
3.	Discontinued herds	27
4.	Herds on test December 31 (all breeds)	109
5.	Percent of herds on test based on 1083 producers	10.1%
6.	Herds on test for 12 months	100

Cows

7.	Cows on test at year end	5341
8.	Percent of cows on test based on 52,000 cows	10.3%
9A.	Kg milk production/cow 305 days (Holstein)	6331
9B.	Kg milk production/cow 305 days (all breeds)	6140
10A.	Kg fat production/cow 305 days (Holstein)	213
10B.	Kg fat production/cow 305 days (all breeds)	211
11A.	Kg protein production/cow 305 days (Holstein)	194
11B.	Kg protein production/cow 305 days (all breeds)	198
12A.	Percent butterfat/cow 305 days (Holstein)	3.36
12B.	Percent butterfat/cow 305 days (all breeds)	3.43
13A.	Percent protein/cow 305 days (Holstein)	3.13
13B.	Percent protein/cow 305 days (all breeds)	3.16
14A.	BCA milk/cow (Holstein)	133
14B.	BCA milk/cow (all breeds)	133
15A.	BCA fat/cow (Holstein)	122
15B.	BCA fat/cow (all breeds)	121
16A.	BCA protein/cow (Holstein)	132
16B.	BCA protein/cow (all breeds)	132
17A.	Comp. BCA (Milk, Fat & Protein) (Holstein)	129
17B.	Comp. BCA (Milk, Fat & Protein) (all breeds)	129
18.	Number of BCA records (all breeds)	3868

1986

PROVINCIAL SUMMARY FOR MANITOBA
MILK RECORDING - ALL PROGRAMS

		ROP	DHIA OFF.	DHIA REG.	O/S	TOTAL
1.	HERDS on test January 1	115	73	209	112	509
2.	New herds enrolled	3	5	20	34	61
3.	Discontinued herds	5	-	16	21	40
4.	Herds on test December 31	113	78	213	125	530
5.	% HERDS on test based on 1107 prod.	10.2%	7%	19.2%	11.3%	47.9%
6.	Herds on test for 12 months	110	76	190	96	471
7.	COWS on test at year end	5692	3902	9363	4973	23930
8.	% COWS on test based on 52,000 cows	10.9%	7.5%	18%	9.6%	46%
9A.	Ave. kg Milk/cow 305 days (Holstein)	7039	-	-	6253	-
9B.	Ave. kg Milk/cow 305 days (all breeds)	6916	7134	6467	6070	6647
10A.	Ave. kg Fat/cow 305 days (Holstein)	243	-	-	208	-
10B.	Ave. kg Fat/cow 305 days (all breeds)	242	246	222	208	229
11.	Ave. kg Protein/cow 305 days (all br)	-	227	202	192	207
12A.	Ave. % Butterfat/cow (Holstein)	3.46	-	-	3.33	-
12B.	Ave. % Butterfat/cow (all breeds)	3.52	3.45	3.43	3.39	3.45
13.	Ave. % Protein/cow (all breeds)	-	3.18	3.12	3.16	3.15
14A.	Ave. B.C.A. Milk/cow (Holstein)	147	-	-	131	-
14B.	Ave. B.C.A. Milk/cow (all breeds)	147	152	136	131	142
15A.	Ave. B.C.A. Fat/cow (Holstein)	138	-	-	118	-
15B.	Ave. B.C.A. Fat/cow (all breeds)	138	141	126	117	131
16.	Ave. B.C.A. Protein/cow (all breeds)	-	152	134	-	-
17A.	Comp. B.C.A. Milk & Fat (Holstein)	143	-	-	-	-
17B.	Comp. B.C.A. Milk, Fat, Prot. (all br)	-	148	132	124	135
18.	No. of B.C.A. records (all breeds)	4525	3082	7123	3581	18311

1986 R.O.P. DAIRY SUMMARY - MANITOBA

A. HERDS	Ayrshire	Brown Swiss	Guernsey	Holstein	Jersey	All Breeds
1. Herds on Test January 1	2	4	1	105	3	115
2. New herds enrolled	-	-	-	2	1	3
3. Total herds on test during the year	2	4	1	107	4	118
4. Discontinued herds	-	-	-	5	-	5
5. Herds on test December 31	2	4	1	102	4	113
6. Herds on test for 12 months	2	4	1	100	3	110

B. PRODUCTION						
7. Ave. Kg. Milk/Cow	5701	5826	5440	7039	4085	6915.5
8. Ave. Kg. Fat/Cow	221	233	259	243	205	241.8
9. Ave. % BF/Cow	3.88	4.00	4.76	3.46	5.00	3.52
10. Ave. BCA Milk/Cow	154	144	163	147	130	147
11. Ave. BCA Fat/Cow	146	144	156	138	121	138
12. Composite BCA Milk & Fat	150	144	159.5	142.5	125.5	142.5

D.H.I.A. SUMMARY - 1986

(REGULAR & OFFICIAL)

		1986	1985
A.	**Associations in Operation**	21	21
B.	**HERDS**		
	1. Herds on test January 1	282	281
	2. New herds on test	25	14
	3. Total herds on test during the year	307	295
	4. Discontinued herds	16	12
	* 5. Herds on test on December 31	291	283
	6. Herds on DHIA continually for 12 months	266	271
	6A. Herds on official DHIA on December 31	78	73
C.	**COWS**		
	7. Total number of cows on January 1	13372	13523
	8. Total number of cows from new herds	969	598
	9. Total cows on test during the year	14341	14121
	10. Total cows from discontinued herds	547	545
	11. Total cows on test on December 31	13265	13495
	12. Average number of cows per herd (11 ÷ 5)	45.6	47.7
D.	**PRODUCTION AVERAGES** (All Breeds)		
	13. Ave. kg Milk/cow (305 days)	6801	6226
	14. Ave. kg Fat/cow (305 days)	234	219
	15. Ave. kg Protein/cow (305 days)	215	198
	16. Ave. % Butterfat/cow	3.44	3.52
	17. Ave. % Protein/cow	3.16	3.18
	18. Ave. BCA Milk/cow	144	133
	19. Ave. BCA Fat/cow	134	128
	20. Ave. BCA Protein/cow	143	-
	21. Comp. BCA Milk, Fat & Protein	140.3	130.5
	22. No. of BCA records for herds on test for 12 months	10205	14166
E.	**IDENTIFICATION AT YEAR END**		
	23. Total cows on test	13303	13495
	24. Registered cows on test	2068	1951
	25. % Registered cows on test	15.5%	14.5%
	26. N.I.P. cows on test	4095	4321
	27. % N.I.P. cows on test	30.8%	32.0%
	28. Grade cows on DHIA	5994	7223
	29. % Grade cows	45.1%	53.5%

F. **NEW HERDS ENROLLED ON DHIA**

	1986		1985	
	Herds	Cows	Herds	Cows
Herds transferred from R.O.P.	1	4	-	-
Herds transferred from Owner Sampler	14	407	8	351
New herds never on test	9	391	6	217
TOTAL NEW HERDS	24	802	14	568
DHIA herds started and discontinued	-	-	-	-

G. **DISCONTINUED DHIA HERDS**

	1986		1985	
	Herds	Cows	Herds	Cows
Herds transferred to R.O.P.	1	32	1	44
Herds transferred to Owner Sampler	3	135	-	-
Herds sold	2	71	3	102
Herds discontinued for other reasons	9	250	8	399
TOTAL DISCONTINUED HERDS	15	488	12	545

H. **1985-86 YEAR END HERD AND COW COUNT**

	1986		1985	
	Herds	Cows	Herds	Cows
Data from herds with completed records	266	13340	266	12752
Data from herds with less than 10 BCA	-	-	2	72
Data from herds transferring association	1	70	1	41
Data from herds transferred from O/S	14	407	8	381
Data from herds transferred from R.O.P.	1	4	-	-
Data from herds never on test	9	391	6	217
TOTAL	291	14212	283	13463

I. **CHANGE IN DHIA SUPERVISORS IN 1986**

Association	Resigning Supervisor	New Supervisor	Month Hired
Border	Dave Reimer	Dale Gerbrandt	February
Westoba	Jean Gaunt	(no replacement)	-

1986

ASSOCIATION AVERAGES OF HERDS ON TEST ALL YEAR

(REGULAR & OFFICIAL D.H.I.A.)

Association	Herds Tested	Total # Cows on Test	# of BCA Records	kg Milk	kg Fat	% BF	kg Prot	% Prot	BCA Milk	BCA Fat	BCA Prot	Comp BCA
1) South Park	3	92	74	6517	242	3.71	212	3.25	153	140	151	148.0
2) Steinbach	21	1326	1020	7108	236	3.32	221	3.11	151	136	148	145.0
3) Tiger Hills	5	267	209	7038	245	3.48	215	3.05	148	139	143	143.3
4) Westoba	28	1522	1130	6605	236	3.57	211	3.19	146	137	145	142.7
5) St. Claude	18	853	662	7038	238	3.38	219	3.11	147	135	144	142.0
6) Norfolk	10	387	250	6343	239	3.77	203	3.20	141	138	140	139.7
7) Pembina Mtn.	16	642	426	6718	233	3.47	211	3.14	142	134	142	139.3
8) La Broquerie	17	1006	768	6642	226	3.40	209	3.15	142	131	141	138.0
9) Agassiz	8	525	369	7054	231	3.27	213	3.02	142	130	140	137.3
10) Grunthal	26	1247	1051	6806	229	3.36	211	3.10	142	129	139	136.7
11) Southman	10	478	343	6595	229	3.47	208	3.15	139	131	139	136.3
12) Stonewall	20	1000	673	6643	227	3.42	207	3.12	139	129	138	135.3
13) North West	3	144	115	6451	224	3.47	205	3.18	137	129	138	134.7
14) Ste. Anne	11	627	453	6590	217	3.29	207	3.14	139	124	138	133.7
15) Kleefeld	20	943	696	6505	223	3.43	204	3.14	136	126	135	132.3
16) Yellowhead	4	229	160	6296	220	3.49	205	3.26	134	126	133	131.0
17) Lakeshore	12	609	455	6487	220	3.39	201	3.10	135	124	132	130.3
18) Lake Centre	10	359	277	6408	235	3.67	197	3.07	131	130	128	129.7
19) Mound View	8	249	179	6286	224	3.56	193	3.07	132	128	128	129.3
20) St. Pierre	9	436	335	6391	209	3.27	199	3.11	133	118	131	127.3
21) Border	9	348	252	6320	210	3.32	199	3.15	132	118	132	127.3
TOTALS AVERAGES	**268**	**13289**	**9897**	**6611**	**228**	**3.45**	**207**	**3.13**	**140**	**130**	**138**	**136.0**

Owner Sampler

1986
PROVINCIAL SUMMARY
OWNER SAMPLER

Herds

1.	Herds on test January 1	112
2.	New herds enrolled	34
3.	Discontinued herds	21
4.	Herds on test December 31 (all breeds)	125
5.	Percent of herds on test based on 1107 producers	11.3%
6.	Herds on test for 12 months	96

Cows

7.	Cows on test at year end	4973
8.	Percent of cows on test based on 52,000 cows	9.56%
9A.	Kg milk production/cow 305 days (Holstein)	6253
9B.	Kg milk production/cow 305 days (all breeds)	6070
10A.	Kg fat production/cow 305 days (Holstein)	208
10B.	Kg fat production/cow 305 days (all breeds)	206
11A.	Kg protein production/cow 305 days (Holstein)	196
11B.	Kg protein production/cow 305 days (all breeds)	192
12A.	Percent butterfat/cow 305 days (Holstein)	3.33
12B.	Percent butterfat/cow 305 days (all breeds)	3.39
13A.	Percent protein/cow 305 days (Holstein)	3.16
13B.	Percent protein/cow 305 days (all breeds)	3.16
14A.	BCA milk/cow (Holstein)	131
14B.	BCA milk/cow (all breeds)	131
15A.	BCA fat/cow (Holstein)	118
15B.	BCA fat/cow (all breeds)	117
16A.	Comp. BCA (Milk, Fat & Protein) (Holstein)	124
16B.	Comp. BCA (Milk, Fat & Protein) (all breeds)	124
17.	Number of BCA records (Holstein)	3438
18.	Number of BCA records (all breeds)	3581